

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012169.D
 Acq On : 07 Sep 2019 09:37
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:18:50 AM

Quant Time: Sep 08 07:58:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	149763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	270737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	107316	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	5.48	113	87475	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	8.71	98	328280	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	11.13	95	140643	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65390	47.348	ug/l	99
3) Chloromethane	1.31	50	70742	50.016	ug/l	99
4) Vinyl Chloride	1.40	62	66870	50.252	ug/l	100
5) Bromomethane	1.63	94	35518	53.805	ug/l	100
6) Chloroethane	1.71	64	44340	53.600	ug/l	95
7) Trichlorofluoromethane	1.92	101	111272	53.837	ug/l	100
8) Diethyl Ether	2.17	74	36157	50.623	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62709	40.963	ug/l #	82
10) Methyl Iodide	2.50	142	62011	41.406	ug/l	93
11) Tert butyl alcohol	3.03	59	37056	186.698	ug/l	96
12) 1,1-Dichloroethene	2.36	96	59134	40.099	ug/l	87
13) Acrolein	2.28	56	10240	199.557	ug/l	97
14) Allyl chloride	2.72	41	135086	50.624	ug/l	97
15) Acrylonitrile	3.12	53	96735	215.533	ug/l	99
16) Acetone	2.42	43	132450	268.160	ug/l	99
17) Carbon Disulfide	2.56	76	218667	50.737	ug/l	100
18) Methyl Acetate	2.76	43	50562	43.455	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	219329	45.684	ug/l	99
20) Methylene Chloride	2.84	84	85330	43.022	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	85944	49.663	ug/l	93
22) Diisopropyl ether	3.84	45	265229	48.765	ug/l	97
23) Vinyl Acetate	3.80	43	834395	237.152	ug/l	97
24) 1,1-Dichloroethane	3.68	63	156196	49.516	ug/l	97
25) 2-Butanone	4.65	43	153253	243.752	ug/l	96
26) 2,2-Dichloropropane	4.56	77	148888	51.123	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	95867	47.259	ug/l	88
28) Bromochloromethane	5.00	49	58713	46.628	ug/l #	78
29) Tetrahydrofuran	5.11	42	81427	214.957	ug/l	98
30) Chloroform	5.19	83	164933	48.728	ug/l	96
31) Cyclohexane	5.57	56	121103	47.802	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	150478	51.045	ug/l	97
36) 1,1-Dichloropropene	5.78	75	119431	50.086	ug/l	96
37) Ethyl Acetate	4.81	43	58127	44.828	ug/l	99
38) Carbon Tetrachloride	5.76	117	128472	51.130	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	130140	47.024	ug/l	93
40) Benzene	6.13	78	336635	49.176	ug/l	98
41) Methacrylonitrile	5.02	41	35139	45.442	ug/l	97
42) 1,2-Dichloroethane	6.18	62	122202	49.606	ug/l	97
43) Isopropyl Acetate	6.43	43	118710	45.024	ug/l	98
44) Trichloroethene	7.20	130	90315	48.915	ug/l	81
45) 1,2-Dichloropropane	7.50	63	85020	48.071	ug/l	99
46) Dibromomethane	7.65	93	48140	46.627	ug/l #	74
47) Bromodichloromethane	7.89	83	128251	48.870	ug/l	97
48) Methyl methacrylate	7.76	41	60111	45.343	ug/l	95
49) 1,4-Dioxane	7.73	88	13974	773.240	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	297345	221.724	ug/l	97
52) Toluene	8.78	92	216147	48.529	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	127099	46.779	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145644	48.205	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	67735	45.889	ug/l	97
56) Ethyl methacrylate	9.17	69	95576	45.205	ug/l	95
57) 1,3-Dichloropropane	9.36	76	117249	46.032	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	209565	219.855	ug/l	94
59) 2-Hexanone	9.48	43	233777	238.904	ug/l	96
60) Dibromochloromethane	9.57	129	82202	46.727	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65672	46.043	ug/l	98
64) Tetrachloroethene	9.33	164	76591	51.282	ug/l #	88
65) Chlorobenzene	10.13	112	234038	49.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87937	50.880	ug/l	97
67) Ethyl Benzene	10.25	91	439644	51.027	ug/l	96
68) m/p-Xylenes	10.36	106	320503	100.964	ug/l	91
69) o-Xylene	10.70	106	152440	49.522	ug/l	89
70) Styrene	10.71	104	266212	49.791	ug/l	95
71) Bromoform	10.85	173	43827	46.169	ug/l #	98
73) Isopropylbenzene	11.01	105	424316	48.744	ug/l	96
74) N-amyl acetate	10.89	43	115896	45.029	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	76724	42.278	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72564m	50.057	ug/l	
77) Bromobenzene	11.25	156	92631	47.579	ug/l #	68
78) n-propylbenzene	11.35	91	508413	48.344	ug/l	94
79) 2-Chlorotoluene	11.42	91	306222	48.063	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	374029	49.030	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	24512	39.976	ug/l	87
82) 4-Chlorotoluene	11.51	91	369949	48.716	ug/l	90
83) tert-Butylbenzene	11.76	119	359609	49.458	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	386830	49.338	ug/l	93
85) sec-Butylbenzene	11.94	105	443905	49.153	ug/l	93
86) p-Isopropyltoluene	12.06	119	404350	49.232	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	190139	48.739	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	188530	48.332	ug/l	93
89) n-Butylbenzene	12.39	91	386288	48.417	ug/l	96
90) Hexachloroethane	12.59	117	75474	46.023	ug/l	58
91) 1,2-Dichlorobenzene	12.39	146	168250	47.887	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16235	42.751	ug/l	63

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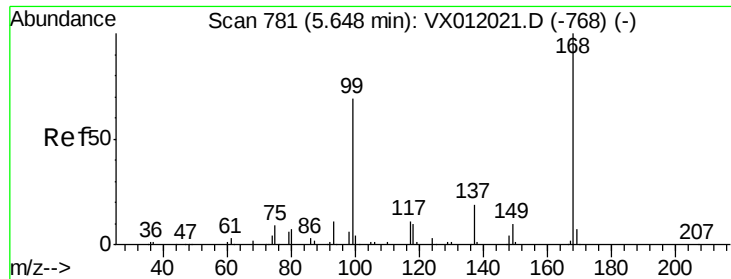
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119218	47.672	ug/l	97
94) Hexachlorobutadiene	13.78	225	61808	49.030	ug/l	98
95) Naphthalene	13.83	128	241500	44.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	105432	47.921	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 149763

Ion Ratio Lower Upper

168 100

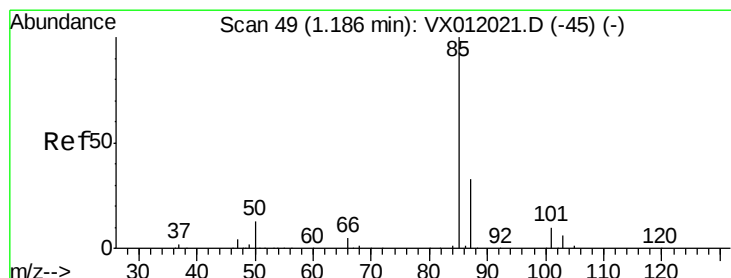
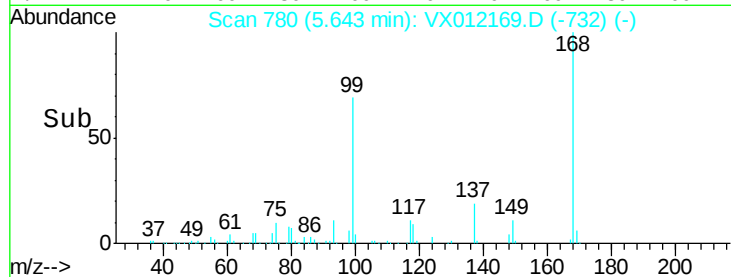
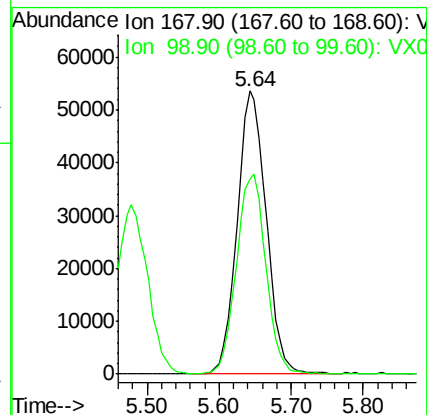
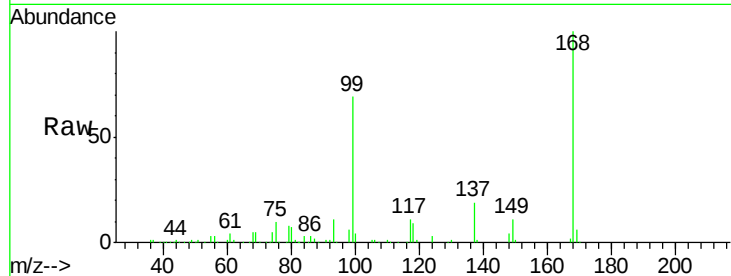
99 68.5 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 47.348 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012169.D

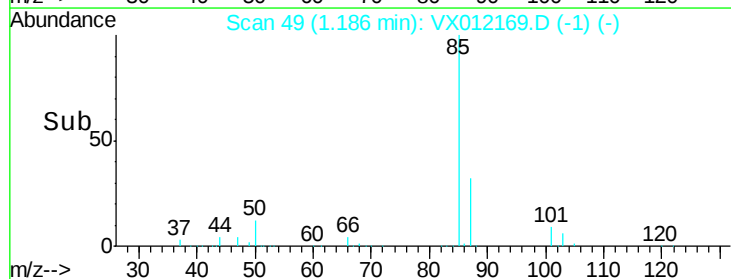
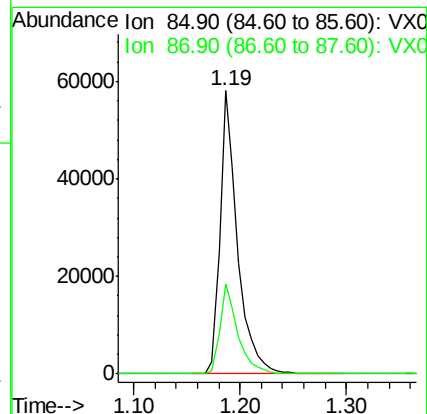
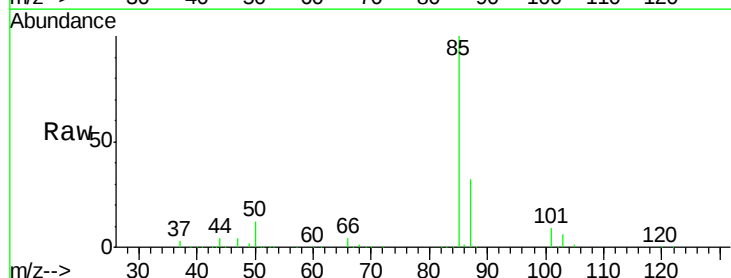
Acq: 07 Sep 2019 09:37

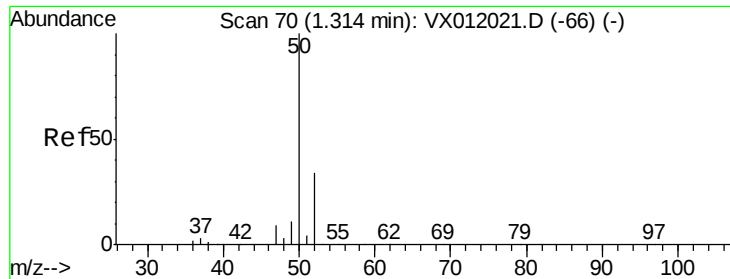
Tgt Ion: 85 Resp: 65390

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8





#3

Chloromethane

Concen: 50.016 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 70742

Ion Ratio Lower Upper

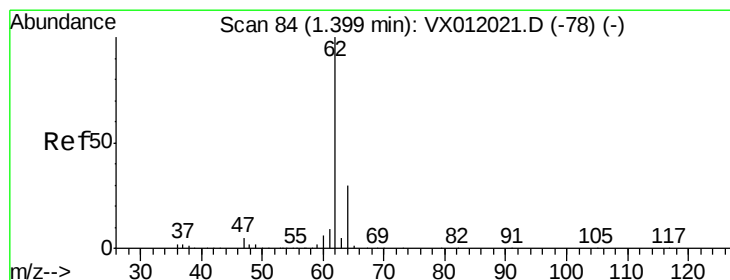
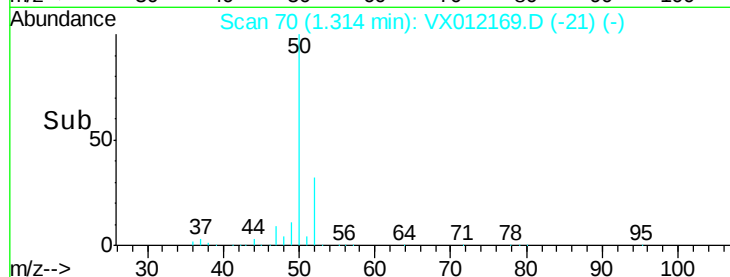
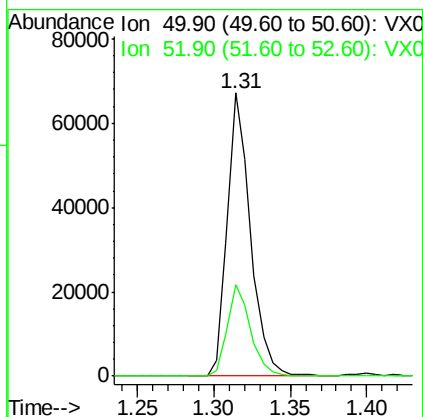
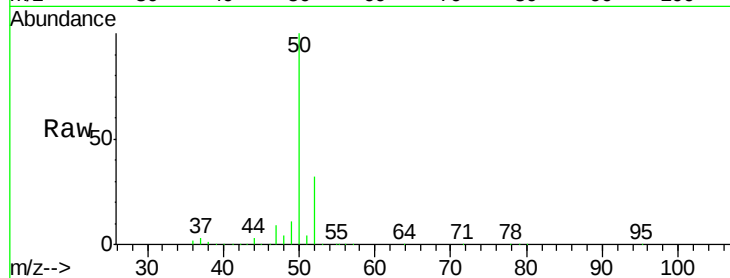
50 100

52 32.5 26.5 39.7

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 50.252 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012169.D

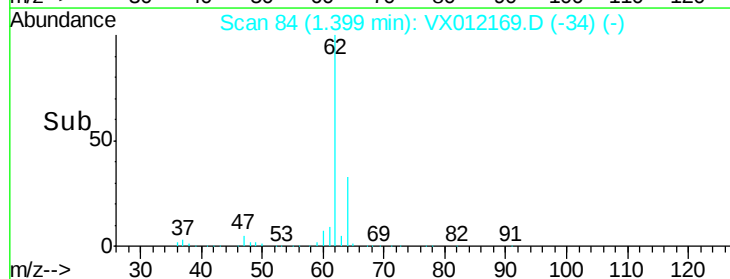
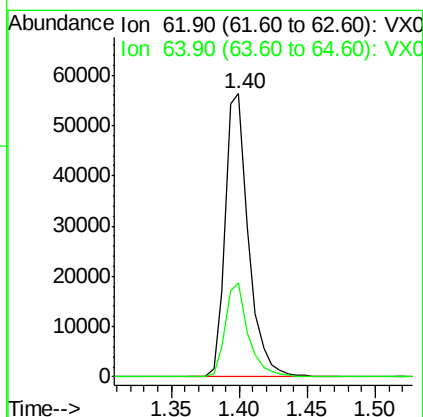
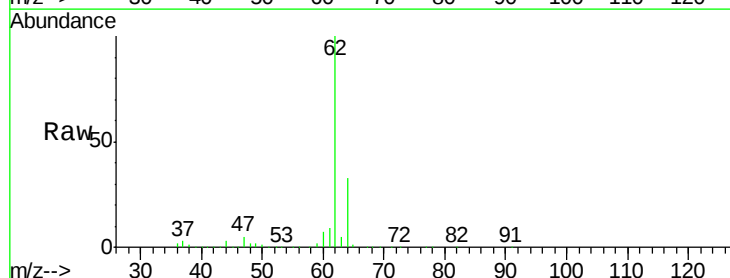
Acq: 07 Sep 2019 09:37

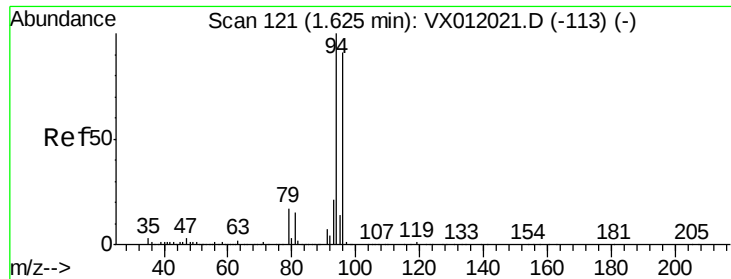
Tgt Ion: 62 Resp: 66870

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.4





#5

Bromomethane

Concen: 53.805 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 35518

Ion Ratio Lower Upper

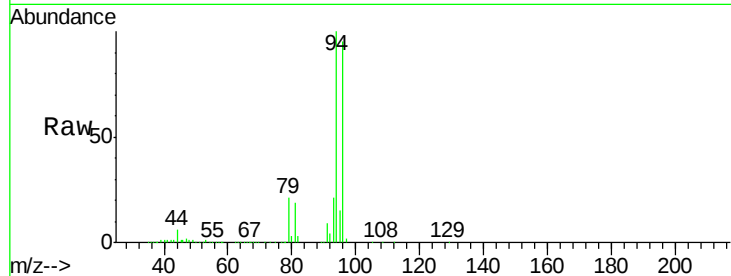
94 100

96 95.2 76.3 114.5

Manual Integrations
APPROVED

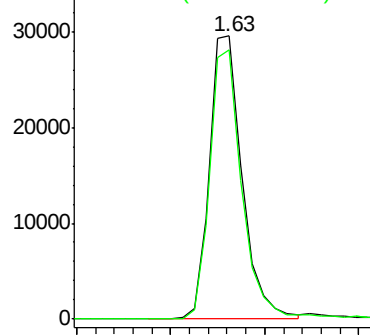
MMDadoda

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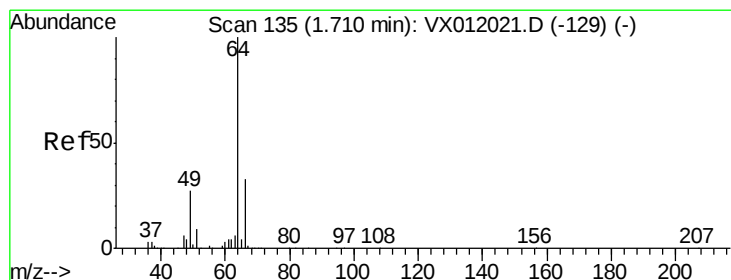
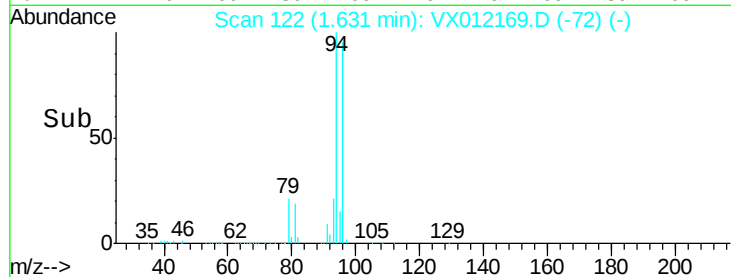


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 53.600 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012169.D

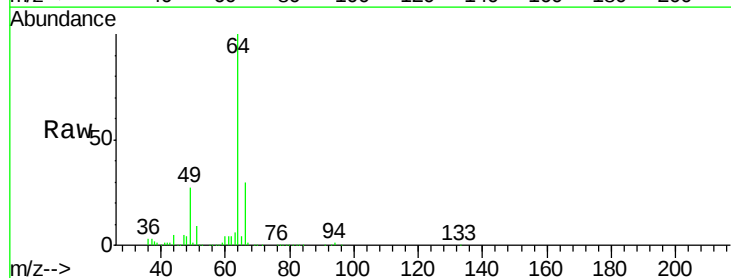
Acq: 07 Sep 2019 09:37

Tgt Ion: 64 Resp: 44340

Ion Ratio Lower Upper

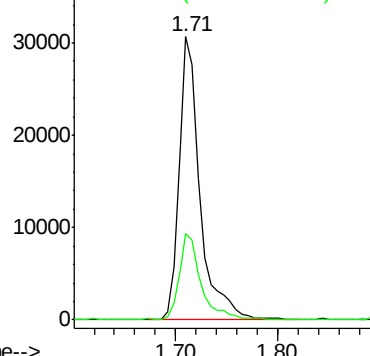
64 100

66 30.3 26.3 39.5

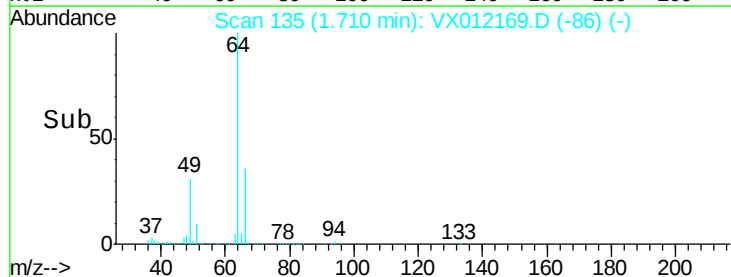


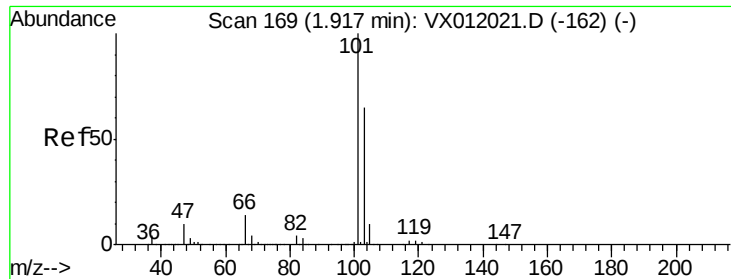
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

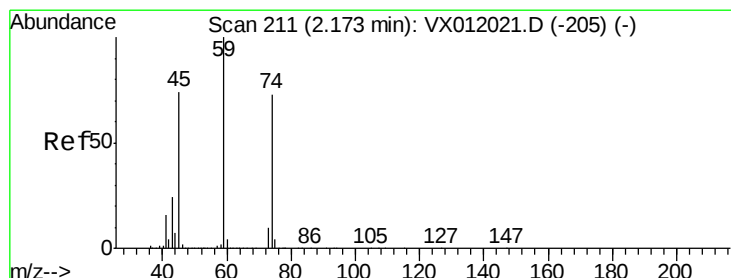
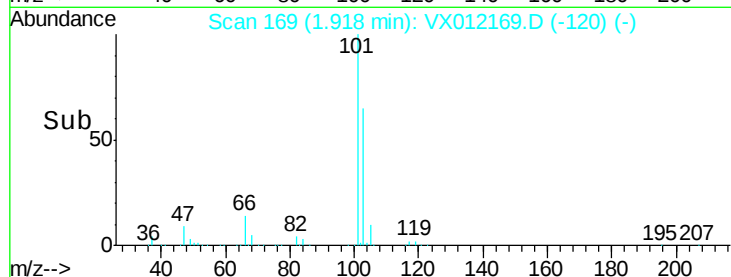
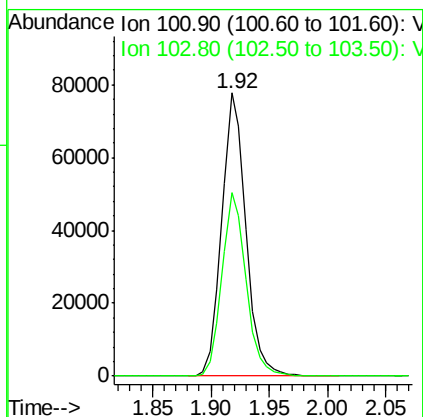
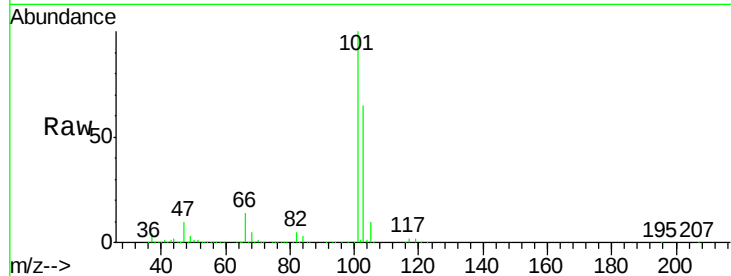
Trichlorofluoromethane
Concen: 53.837 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	111272		
103	64.7	51.6	77.4	

Manual Integrations
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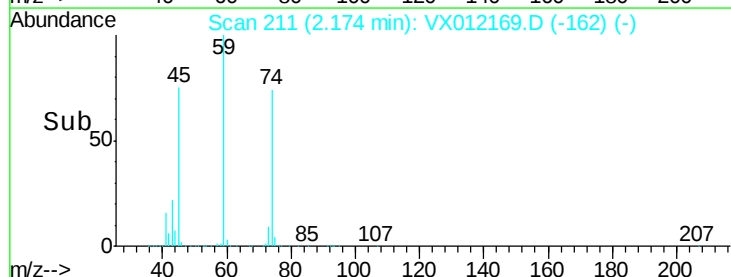
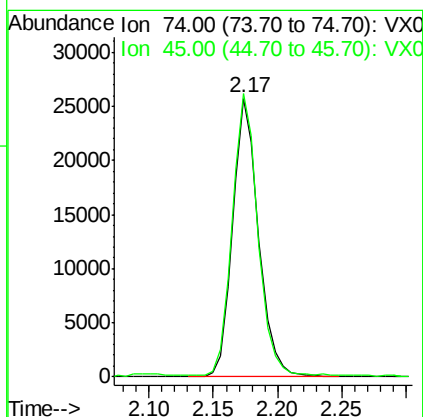
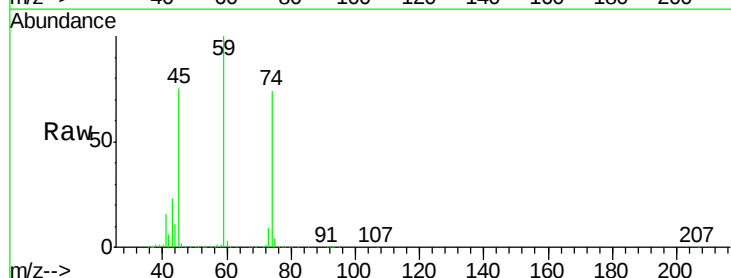
MMDadoda
9/9/2019 9:18:50 AM

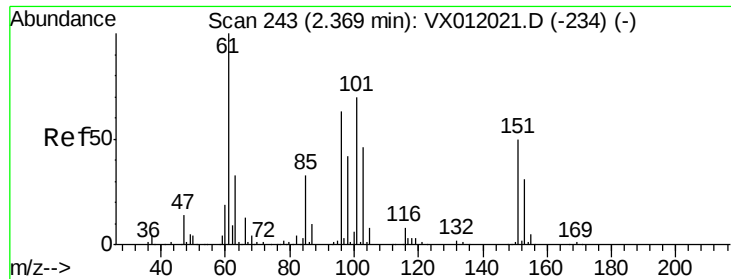


#8

Diethyl Ether
Concen: 50.623 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	36157		
45	99.7	45.9	137.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.963 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

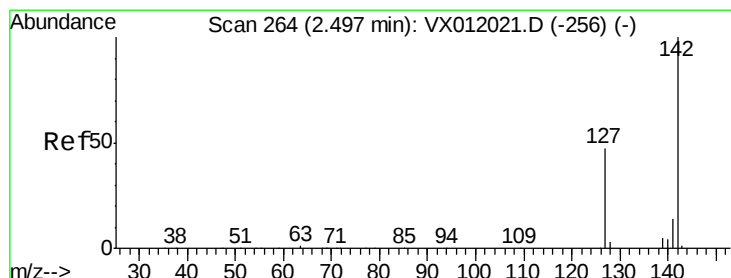
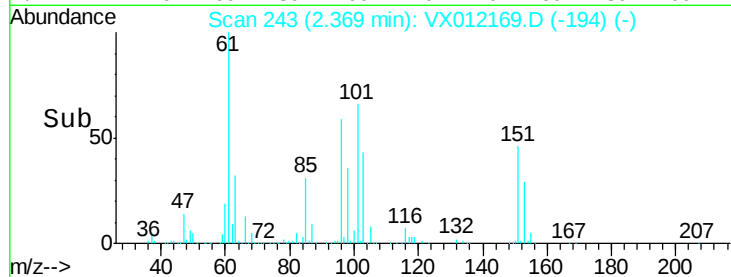
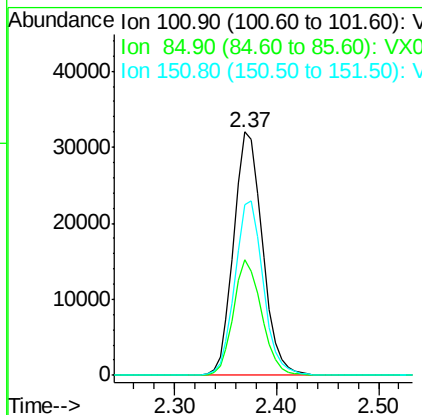
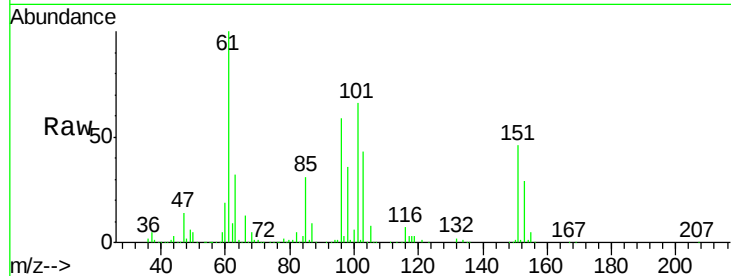
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.4	34.5	51.7
151	70.4	75.0	112.4#

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#10

Methyl Iodide

Concen: 41.406 ug/l

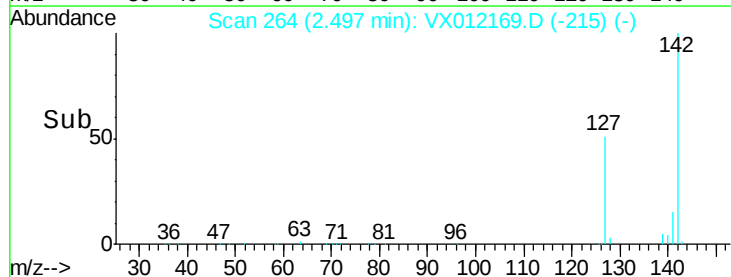
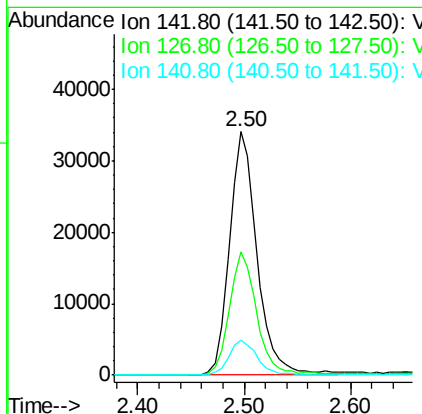
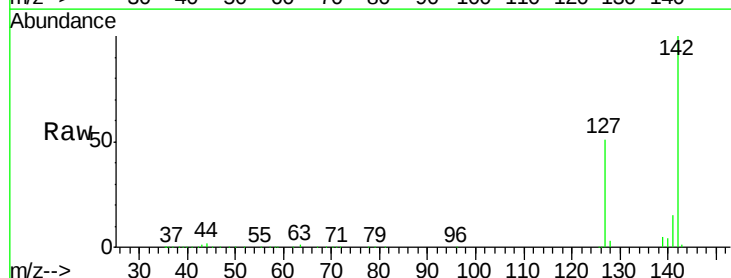
RT: 2.50 min Scan# 264

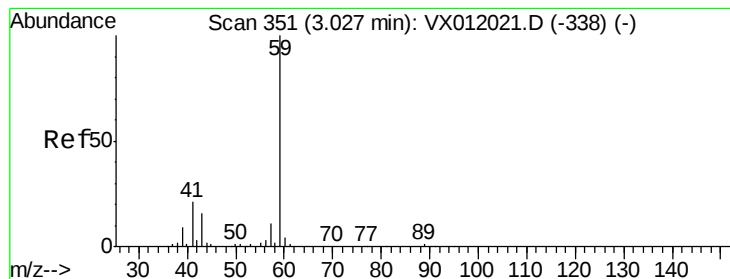
Delta R.T. 0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
142	100		
127	50.4	35.4	53.2
141	14.9	11.4	17.2





#11

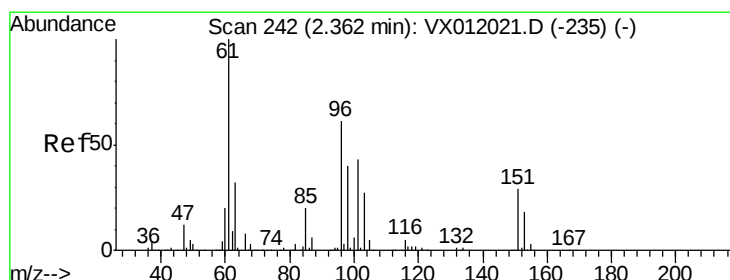
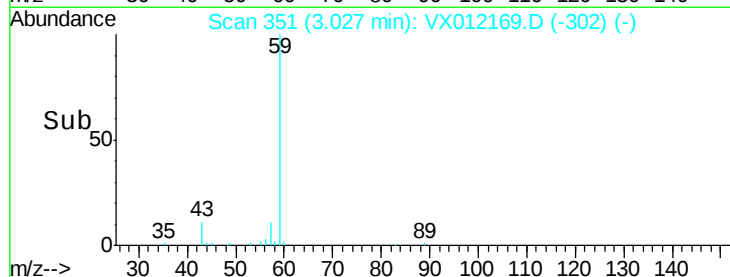
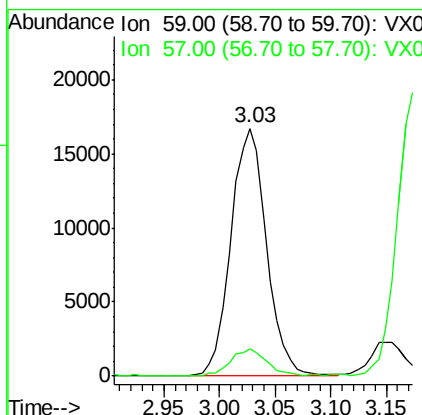
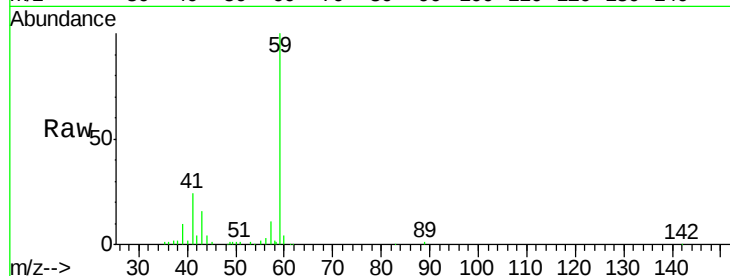
Tert butyl alcohol
 Concen: 186.698 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	37056
Ion	Ratio	Lower	Upper
59	100		
57	11.3	7.9	11.9

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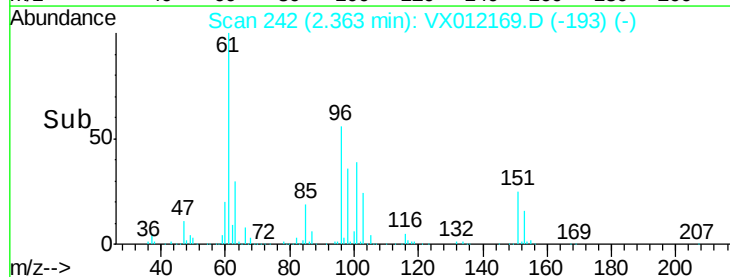
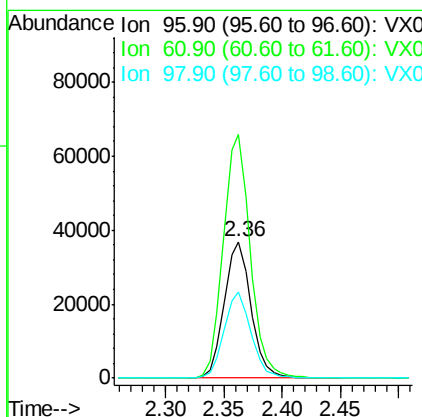
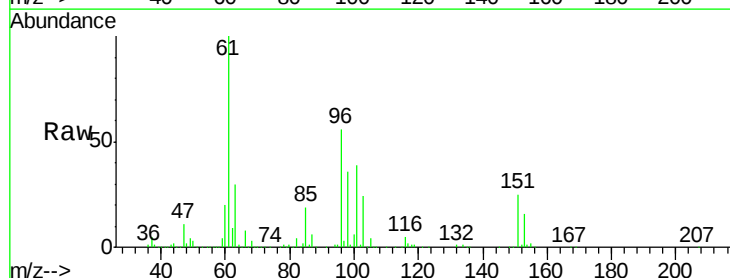
MMDadoda
 9/9/2019 9:18:50 AM

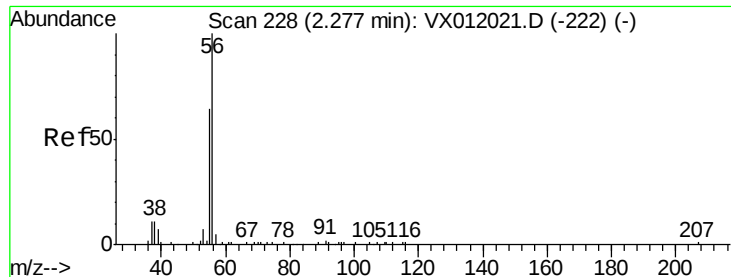


#12

1,1-Dichloroethene
 Concen: 40.099 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	96	Resp	59134
Ion	Ratio	Lower	Upper
96	100		
61	178.3	124.1	186.1
98	63.5	50.2	75.2





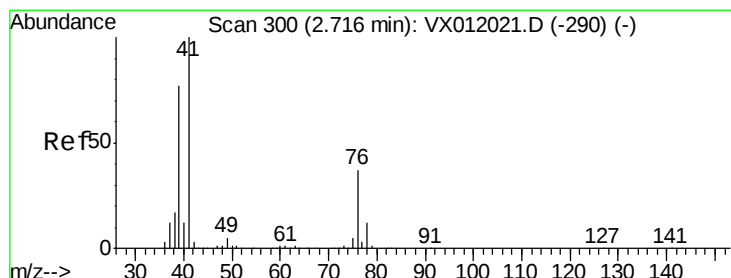
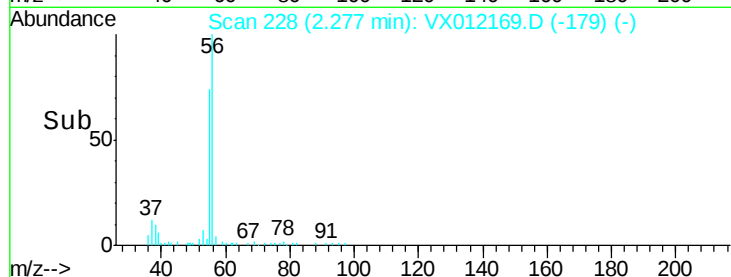
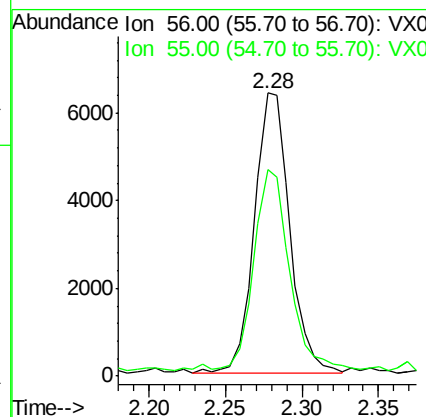
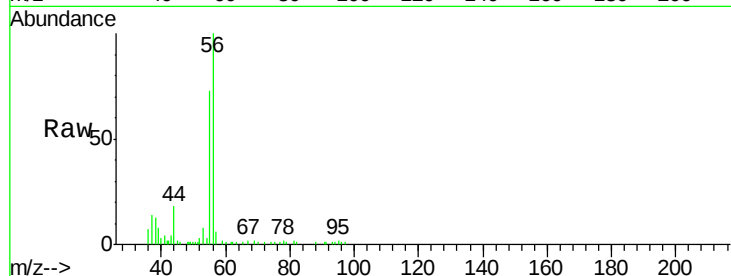
#13
Acrolein
Concen: 199.557 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.6	59.2	88.8

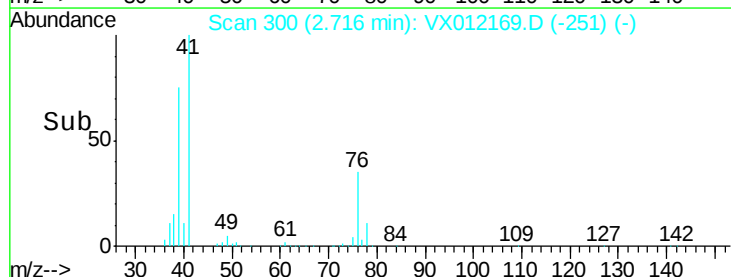
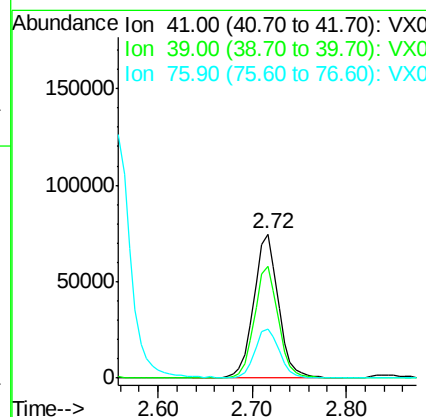
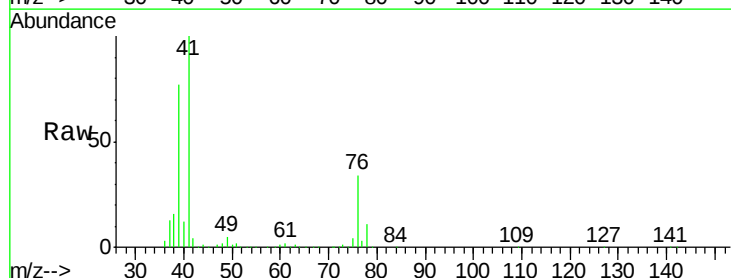
Manual Integrations
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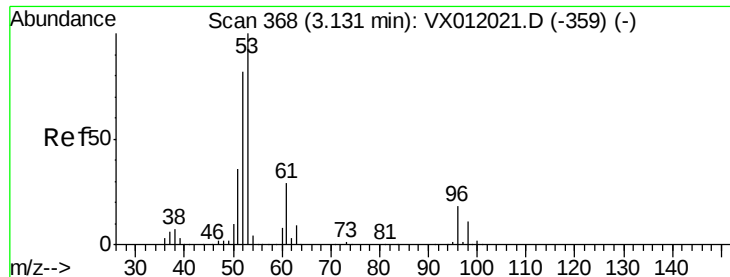
MMDadoda
9/9/2019 9:18:50 AM



#14
Allyl chloride
Concen: 50.624 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	75.8	57.9	86.9
76	76	34.5	28.5	42.7





#15

Acrylonitrile

Concen: 215.533 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

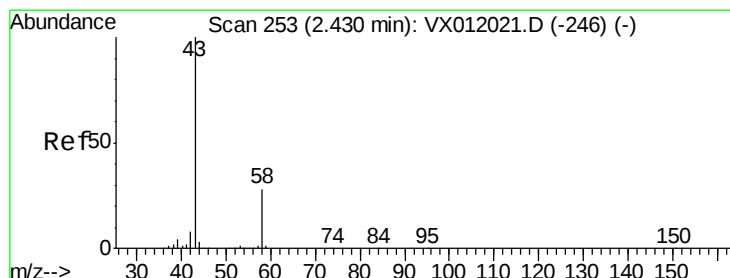
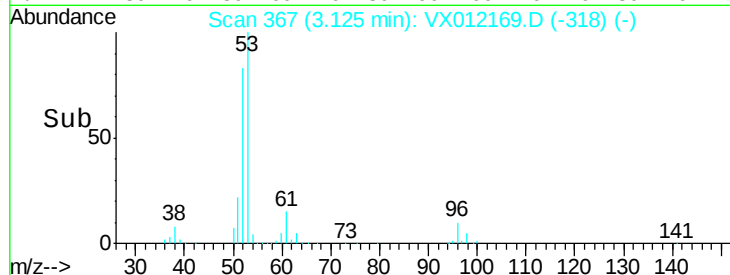
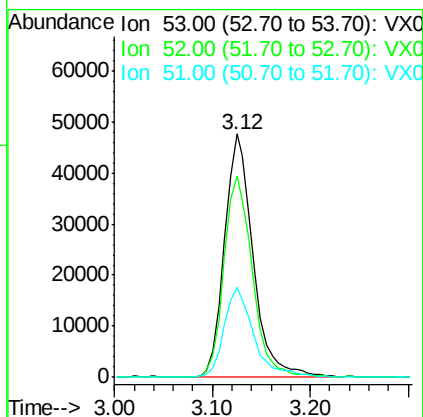
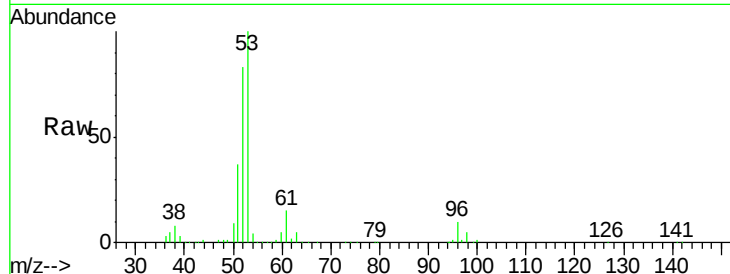
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96735
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.6	98.4
51	38.7	29.8	44.6

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#16

Acetone

Concen: 268.160 ug/l

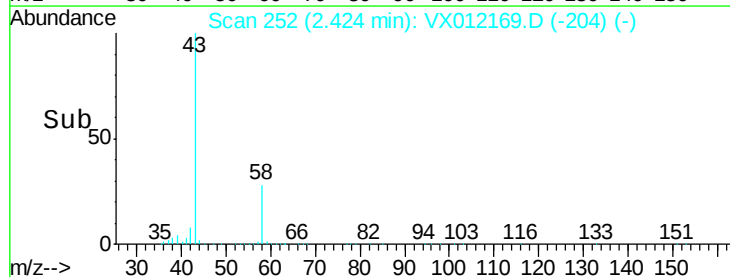
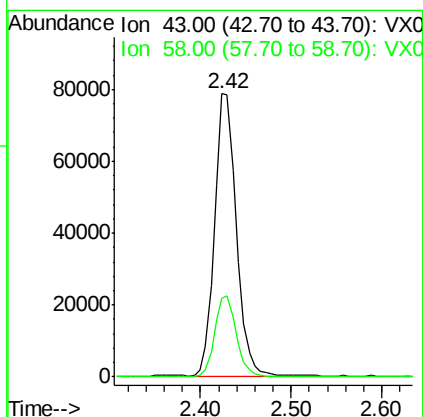
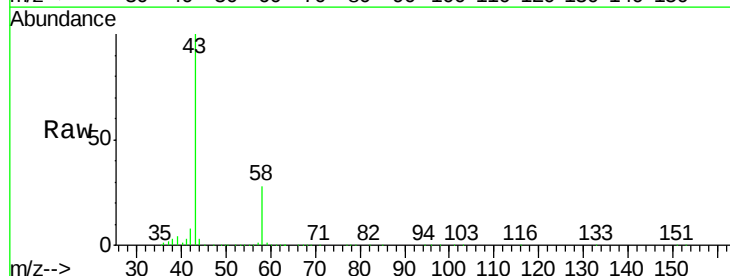
RT: 2.42 min Scan# 252

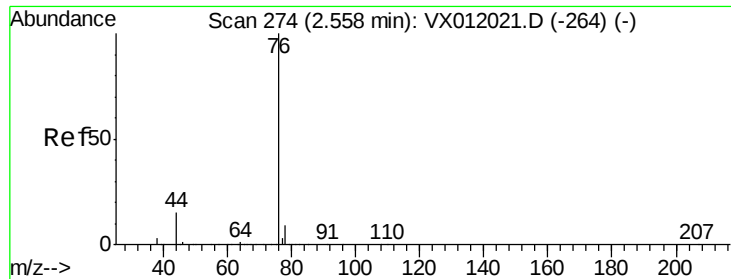
Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion:	43	Resp:	132450
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.8	34.2





#17

Carbon Disulfide

Concen: 50.737 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 218667

Ion Ratio Lower Upper

76 100

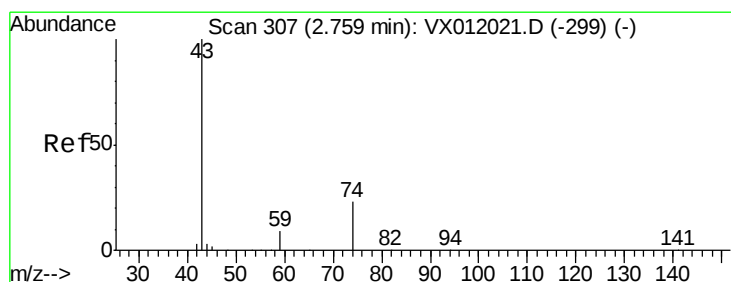
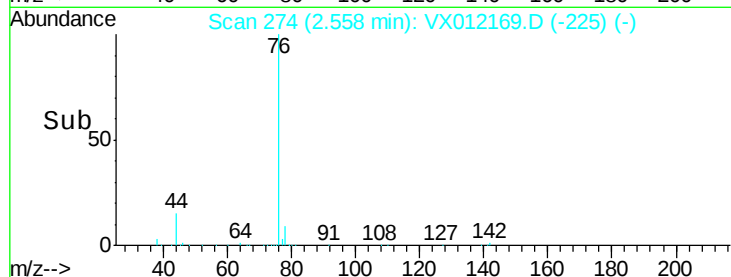
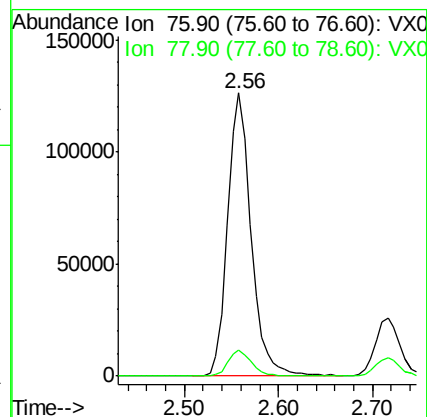
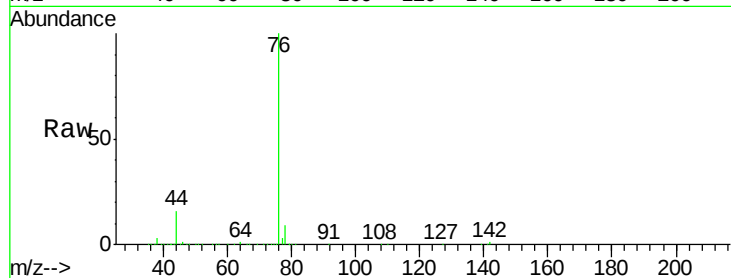
78 9.2 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 43.455 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012169.D

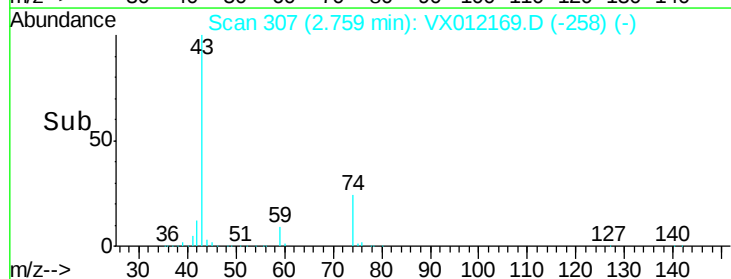
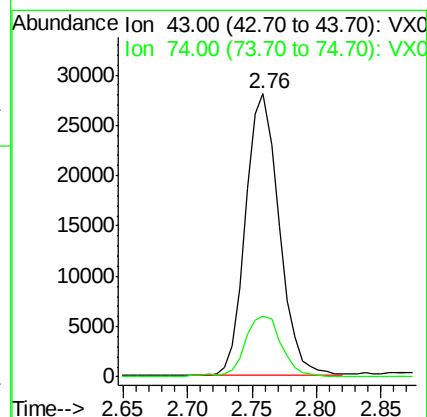
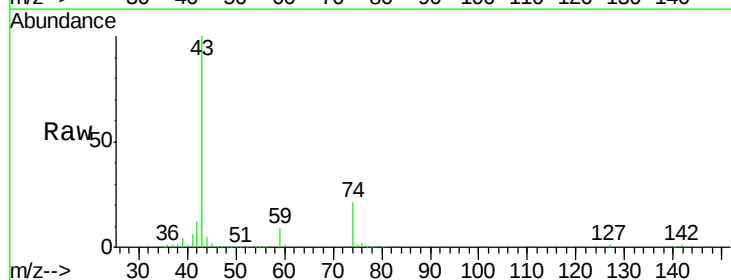
Acq: 07 Sep 2019 09:37

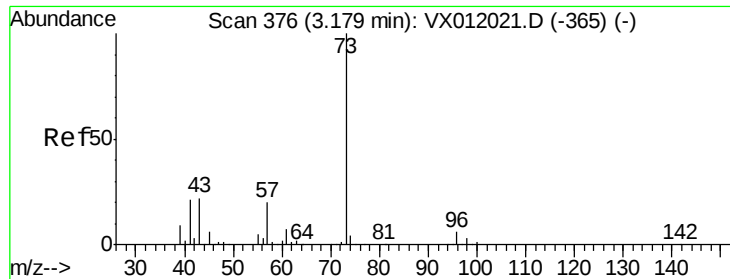
Tgt Ion: 43 Resp: 50562

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3





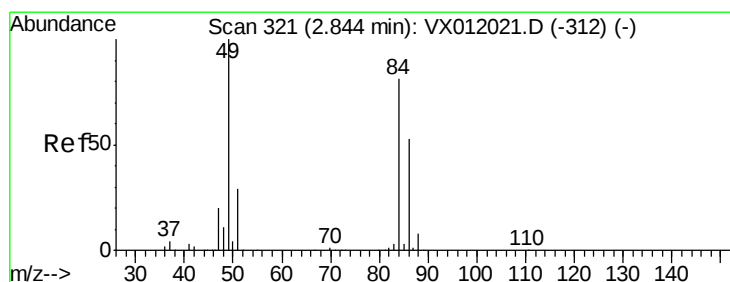
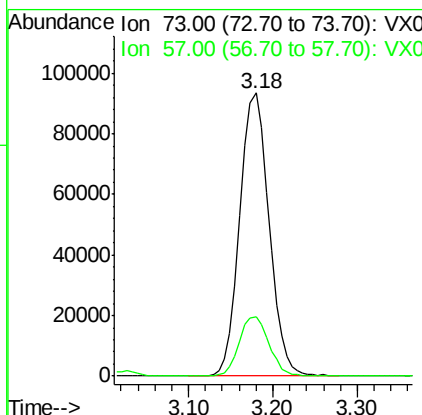
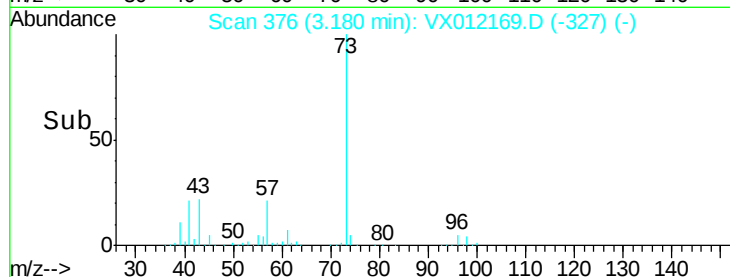
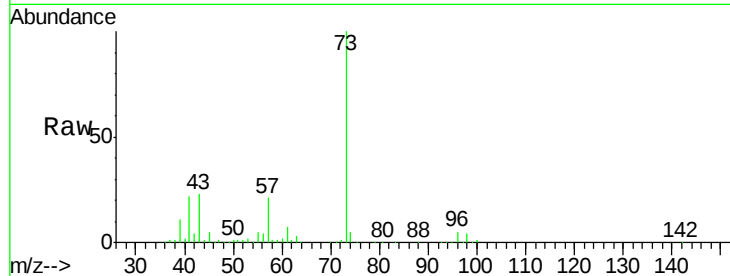
#19
Methvl tert-butvl Ether
Concen: 45.684 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 219329
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

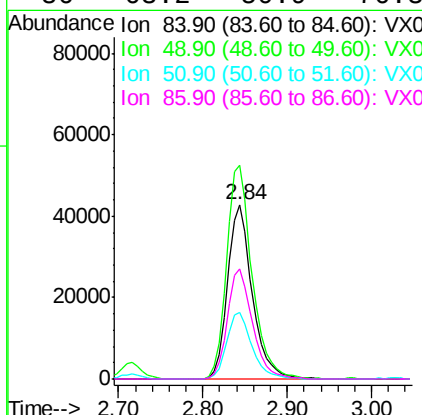
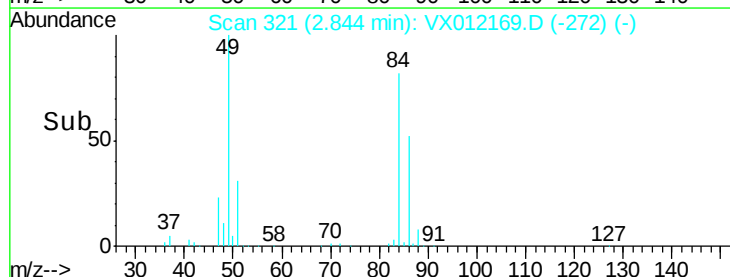
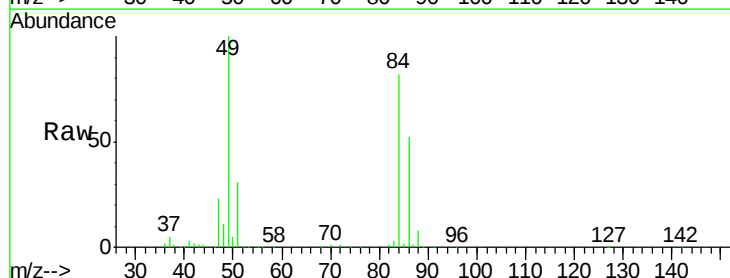
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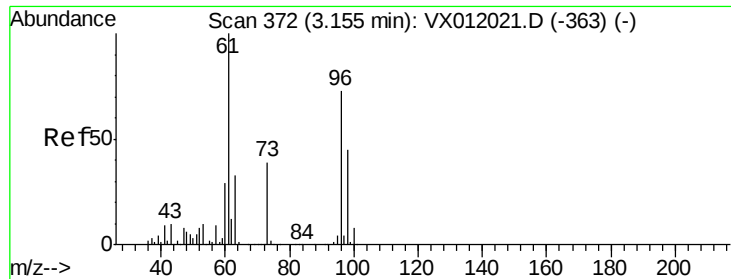
MMDadoda
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#20
Methylene Chloride
Concen: 43.022 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion: 84 Resp: 85330
Ion Ratio Lower Upper
84 100
49 122.4 95.8 143.8
51 38.2 28.6 43.0
86 63.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 49.663 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

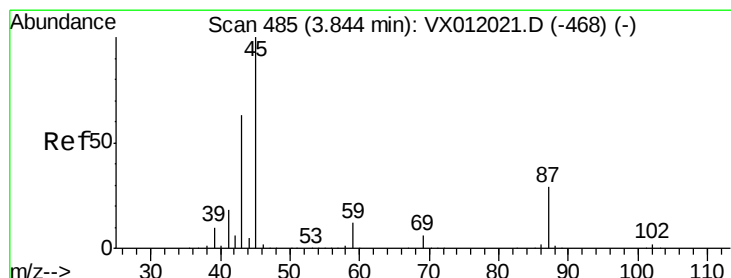
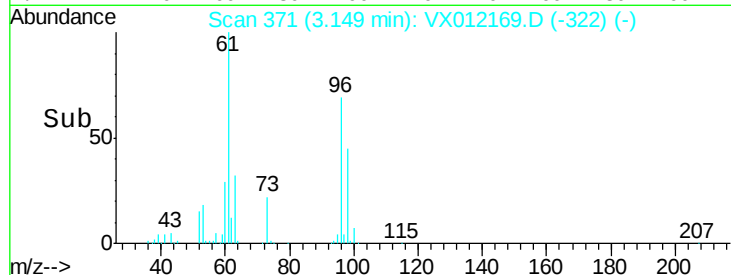
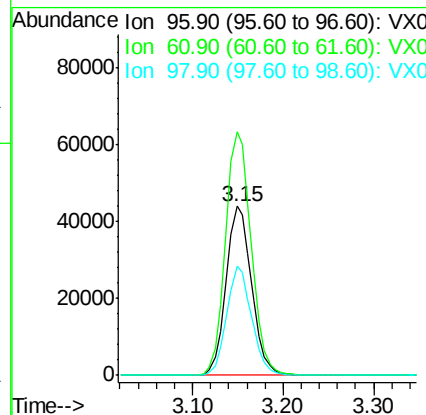
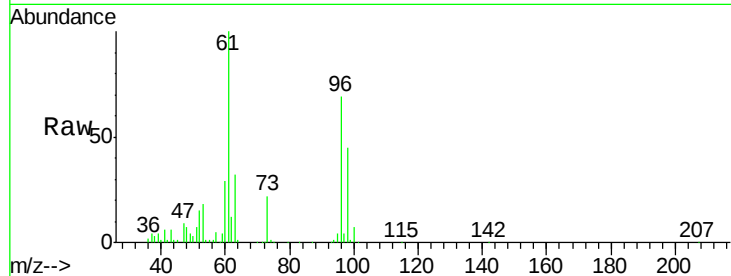
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	85944
Ion	Ratio	Lower	Upper
96	100		
61	144.0	107.0	160.6
98	65.0	49.8	74.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.765 ug/l

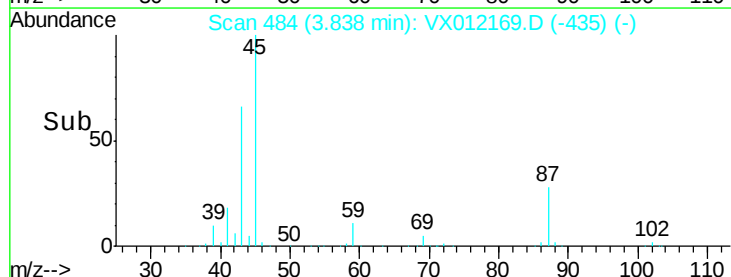
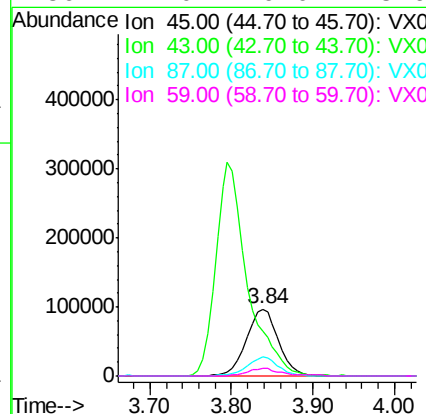
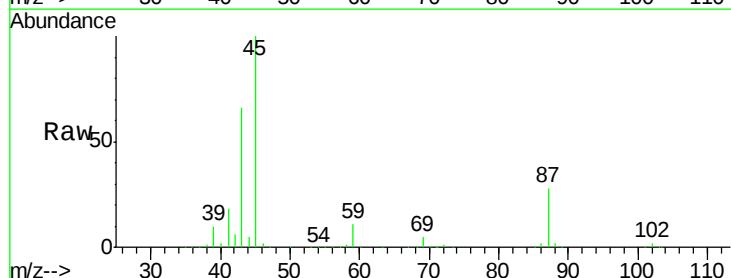
RT: 3.84 min Scan# 484

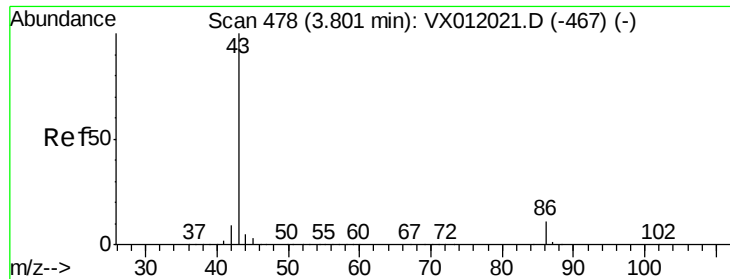
Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion:	45	Resp:	265229
Ion	Ratio	Lower	Upper
45	100		
43	65.3	54.2	81.4
87	27.8	23.4	35.0
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 237.152 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 834395

Ion Ratio Lower Upper

43 100

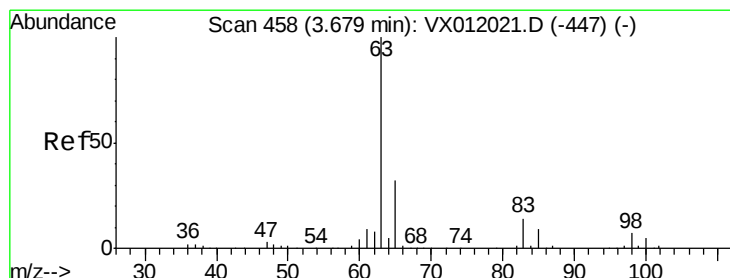
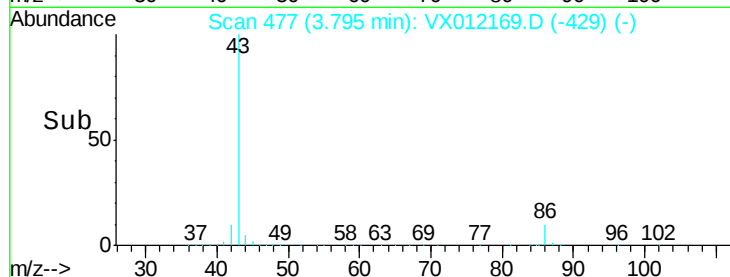
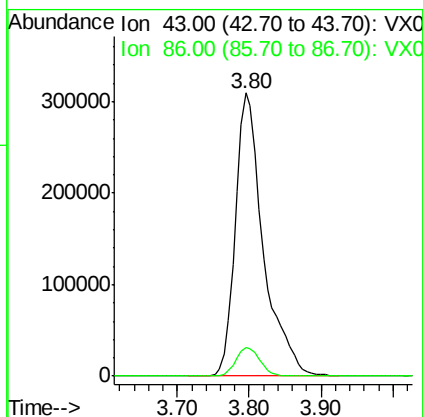
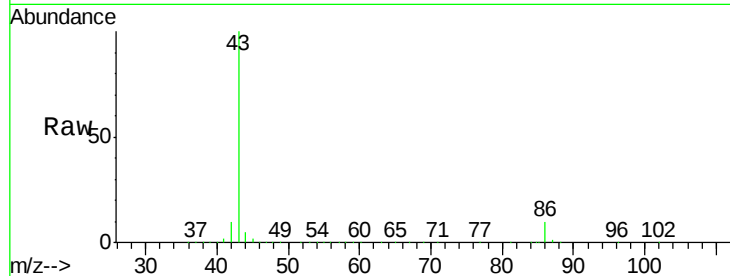
86 10.2 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 49.516 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

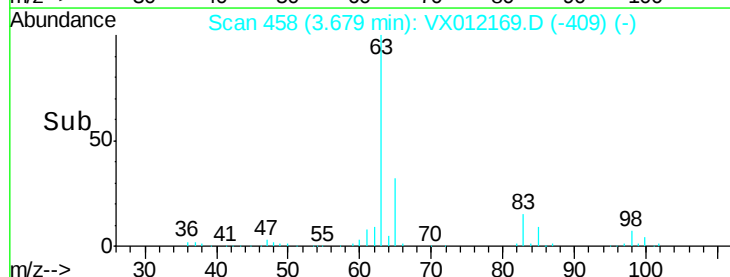
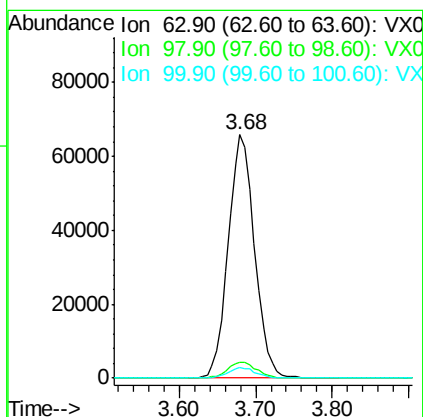
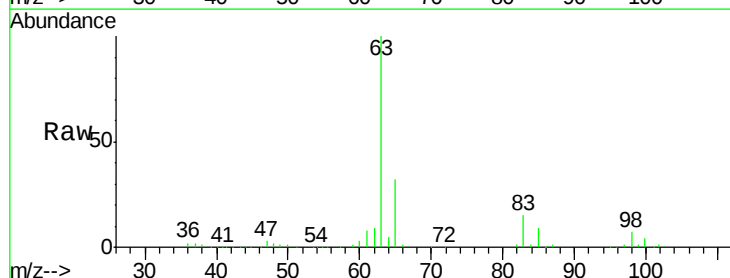
Tgt Ion: 63 Resp: 156196

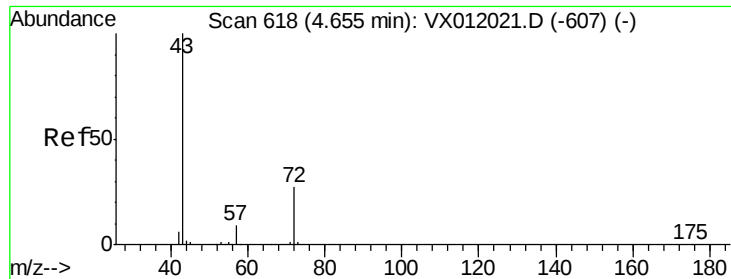
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 243.752 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 153253

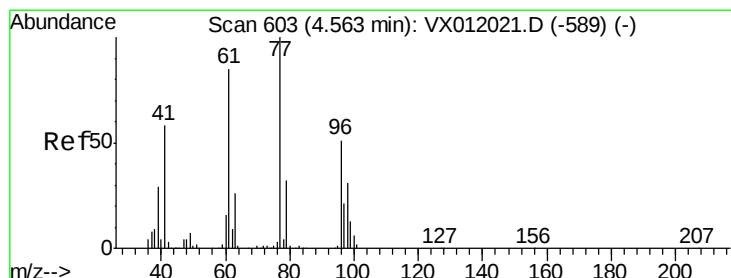
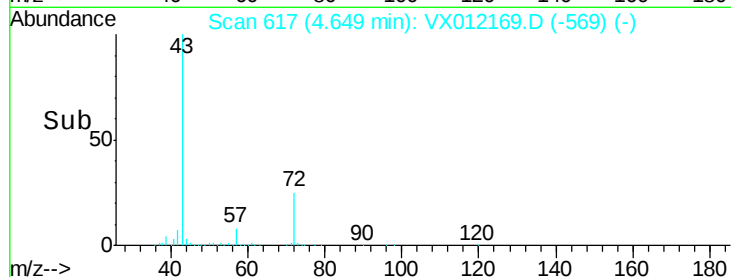
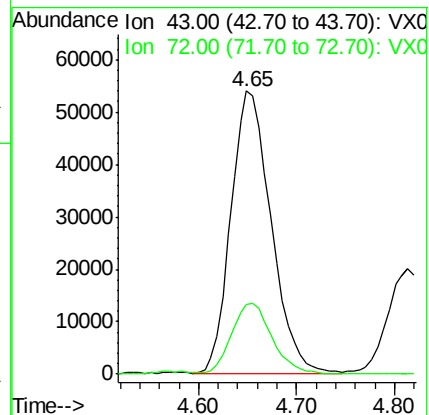
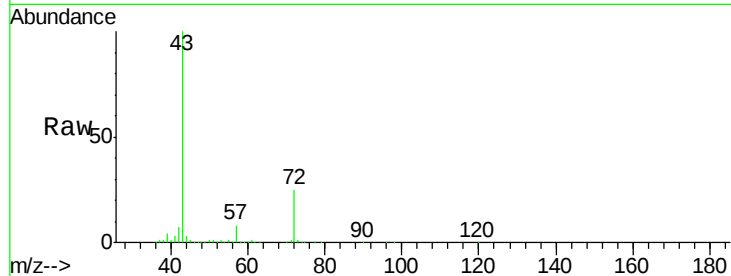
Ion Ratio Lower Upper

43 100

72 24.6 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 51.123 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012169.D

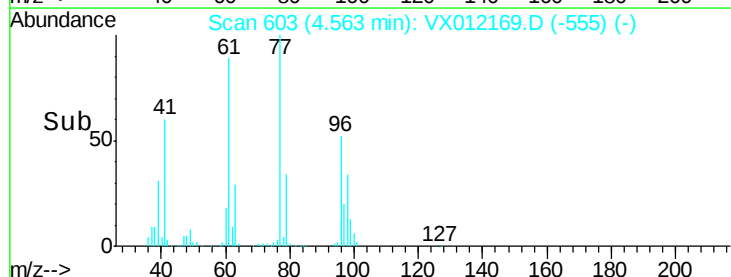
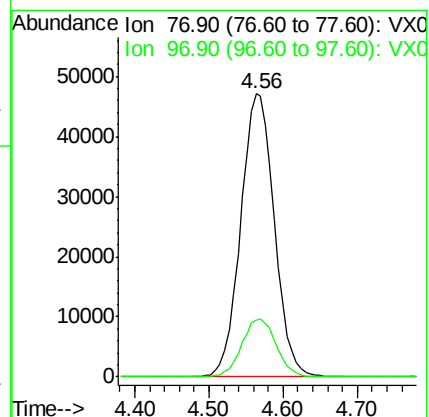
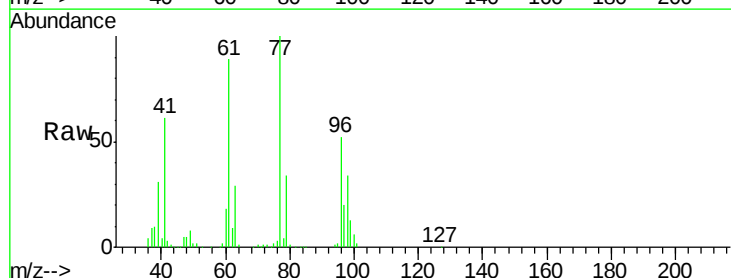
Acq: 07 Sep 2019 09:37

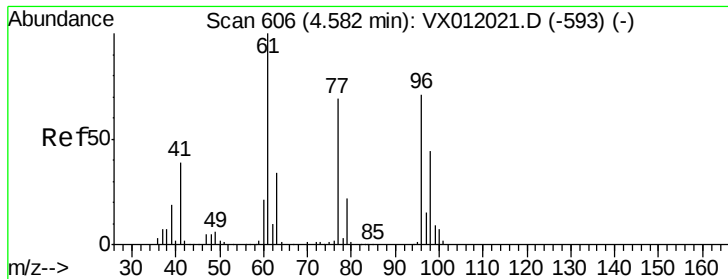
Tgt Ion: 77 Resp: 148888

Ion Ratio Lower Upper

77 100

97 21.0 11.5 34.5





#27

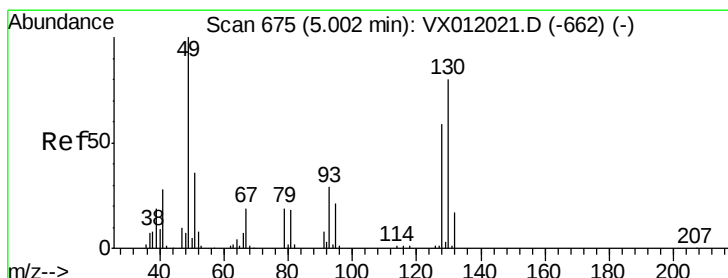
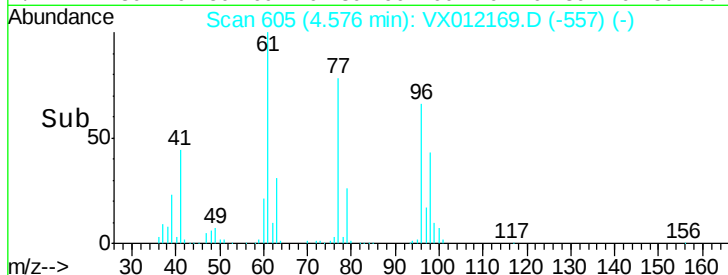
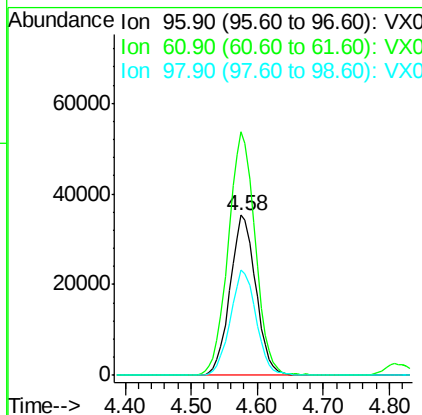
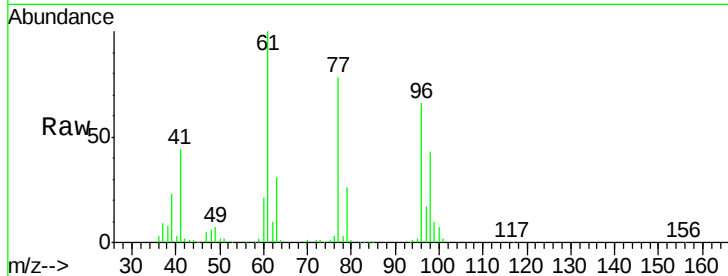
cis-1,2-Dichloroethene
 Concen: 47.259 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	0.0	277.0
98	65.7	0.0	128.4

Manual Integrations
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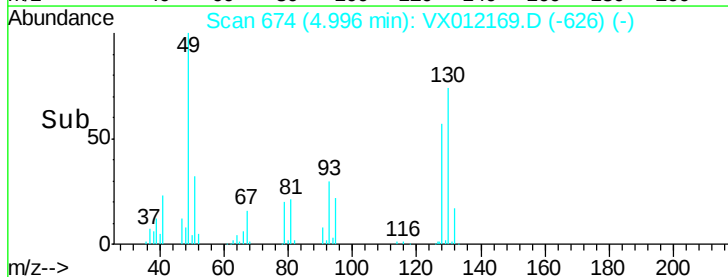
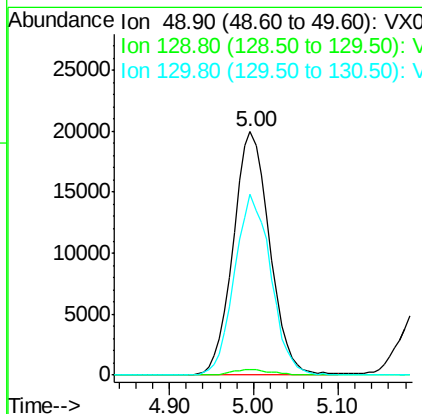
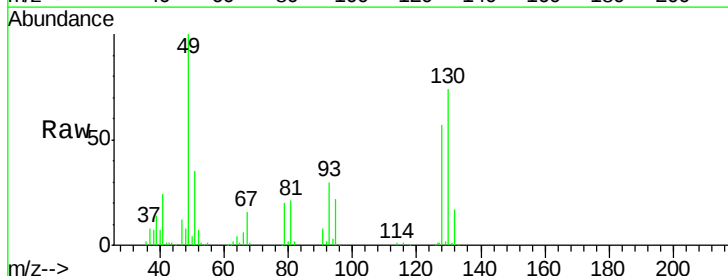
MMDadoda
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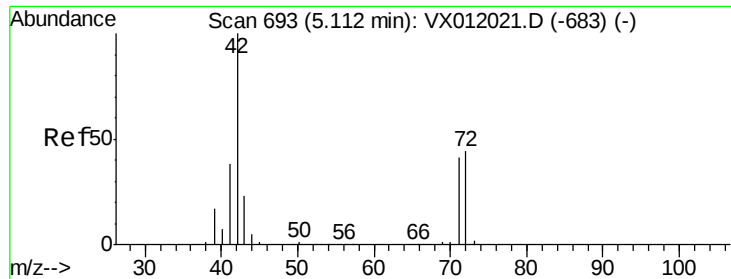


#28

Bromochloromethane
 Concen: 46.628 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.6
130	73.9	76.7	115.1#





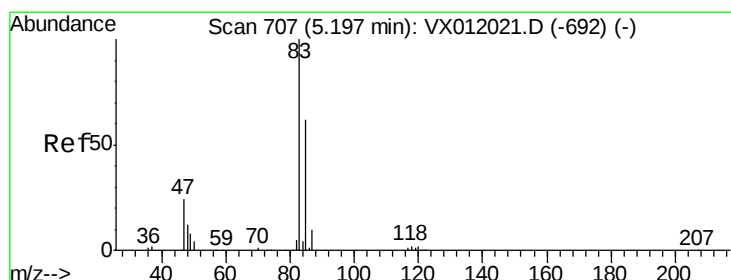
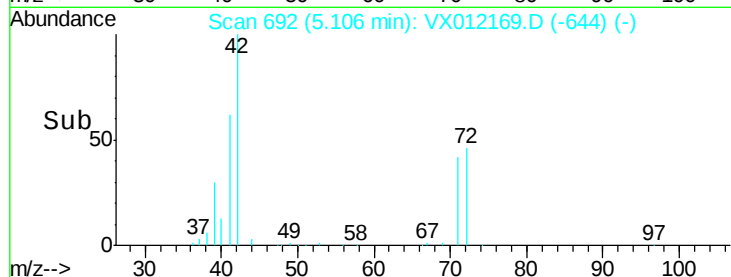
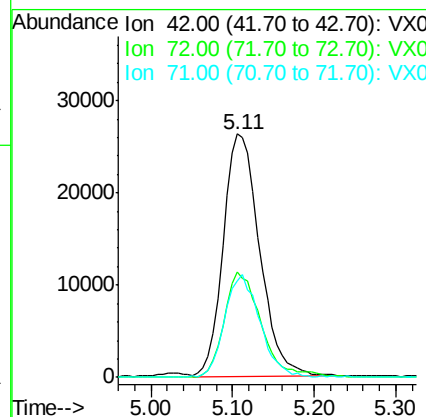
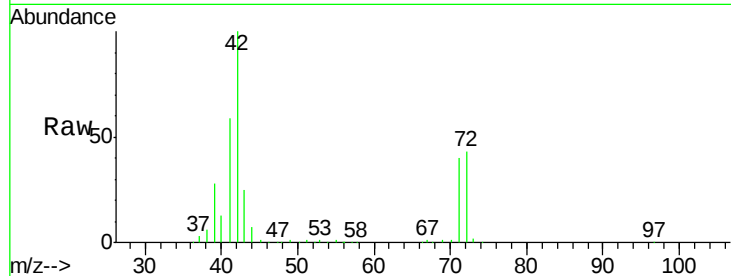
#29
Tetrahydrofuran
Concen: 214.957 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	37.0	55.4
71	41.1	33.8	50.8

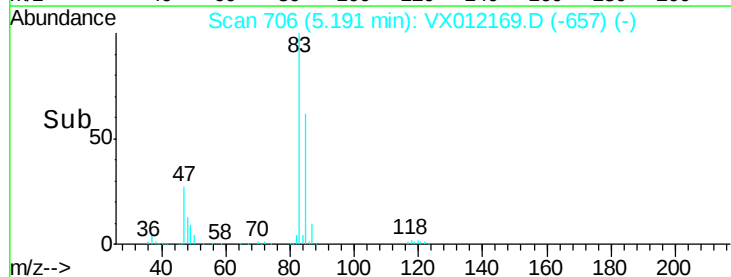
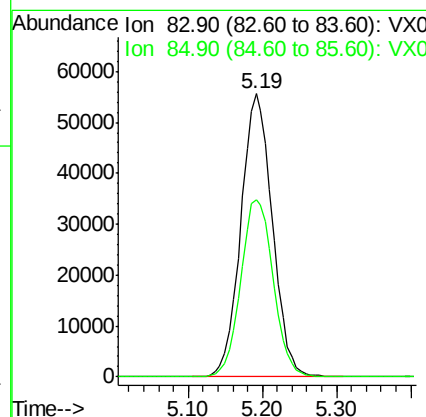
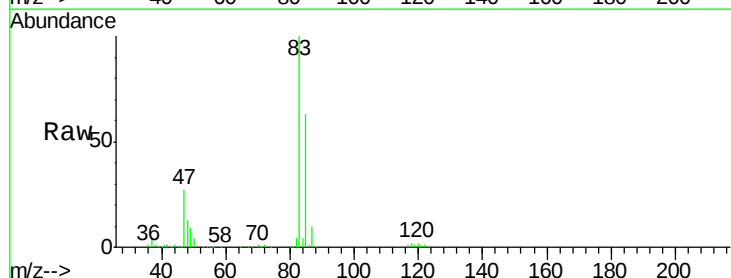
Manual Integrations
APPROVED

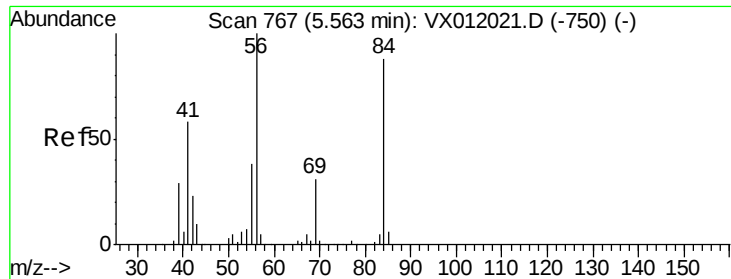
MMDadoda
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#30
Chloroform
Concen: 48.728 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.6	78.8





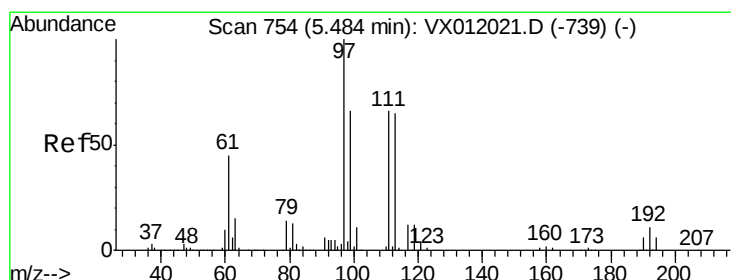
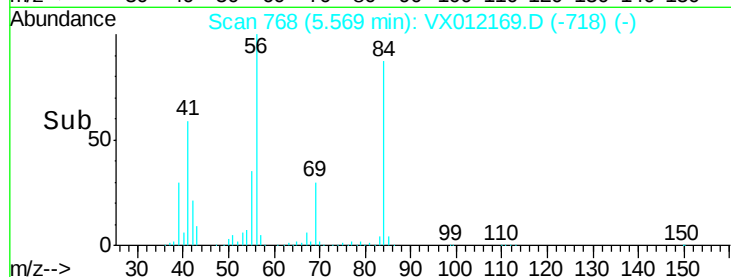
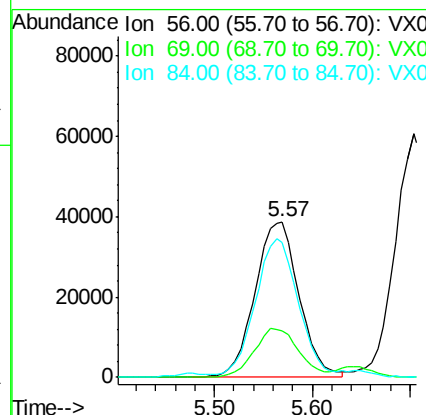
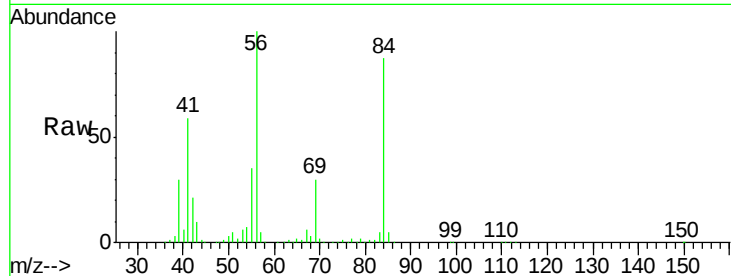
#31
Cvclohexane
Concen: 47.802 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.7	38.5
84	84.5	70.3	105.5

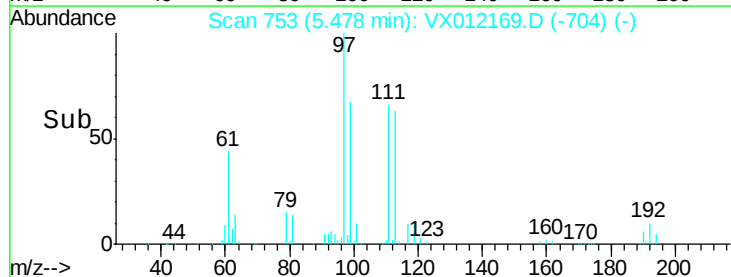
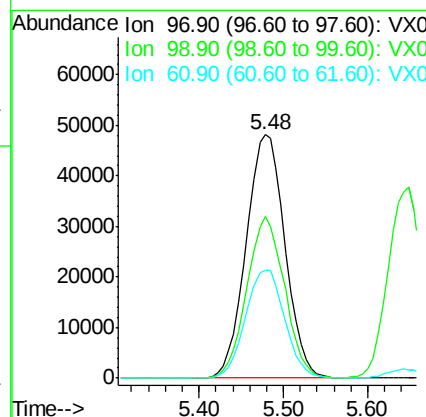
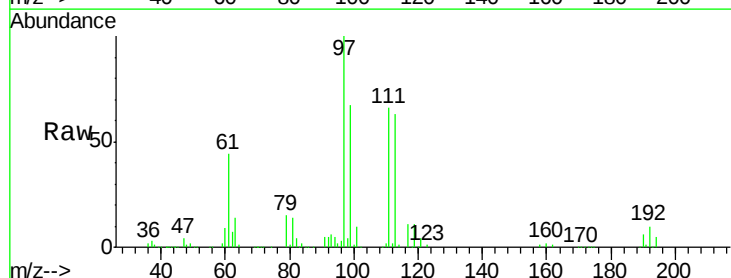
Manual Integrations
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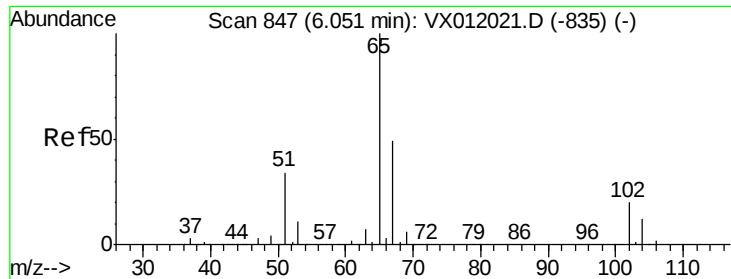
MMDadoda
9/9/2019 9:18:50 AM



#32
1,1,1-Trichloroethane
Concen: 51.045 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	44.9	32.8	49.2





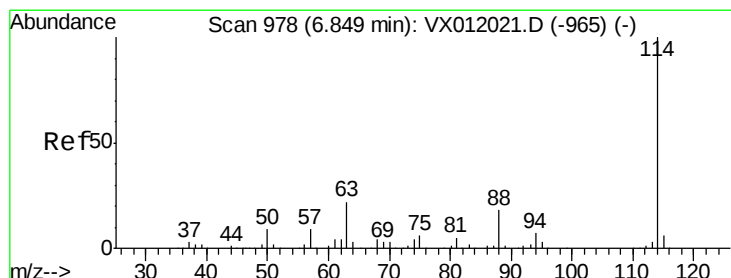
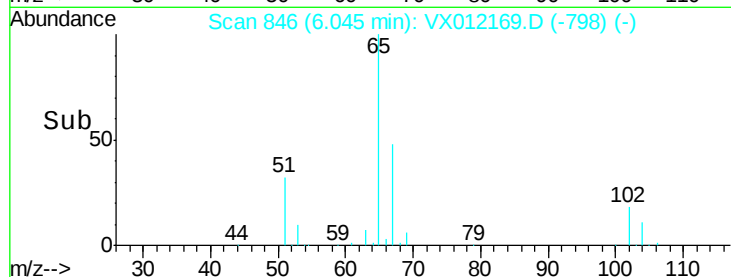
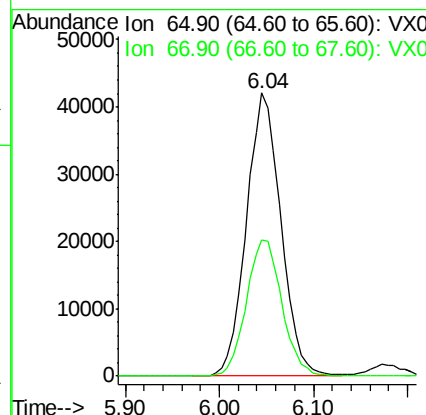
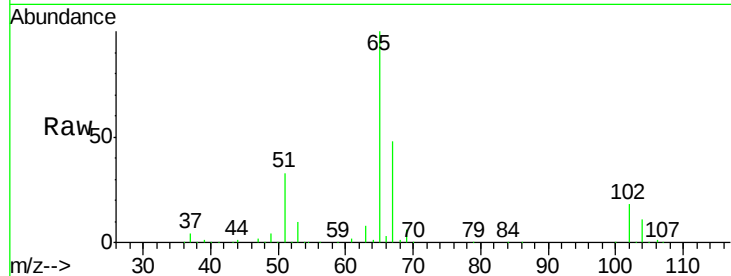
#33
 1,2-Dichloroethane-d4
 Concen: 51.933 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107316		
67	49.7	0.0	102.0	

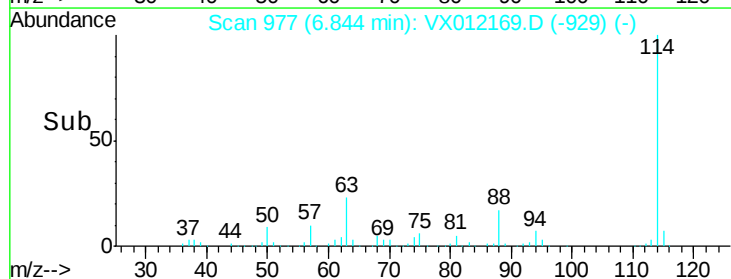
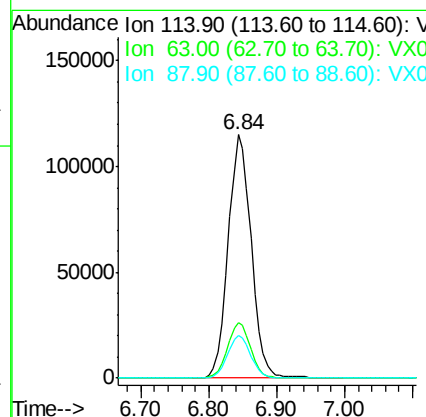
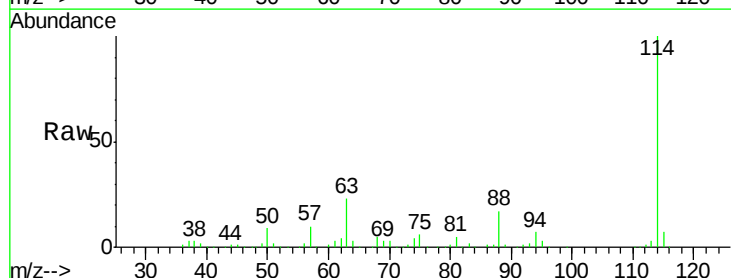
Manual Integrations
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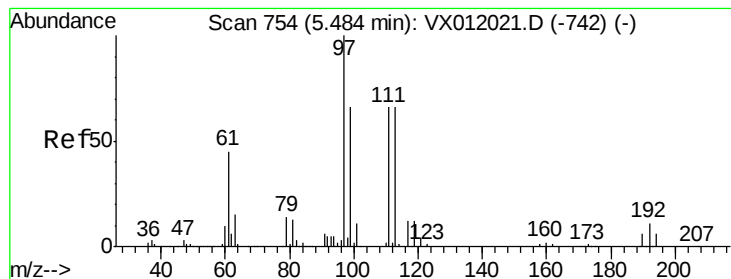
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	270737		
63	22.7	0.0	37.4	
88	17.4	0.0	29.6	





#35

Dibromofluoromethane

Concen: 52.539 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 87475

Ion Ratio Lower Upper

113 100

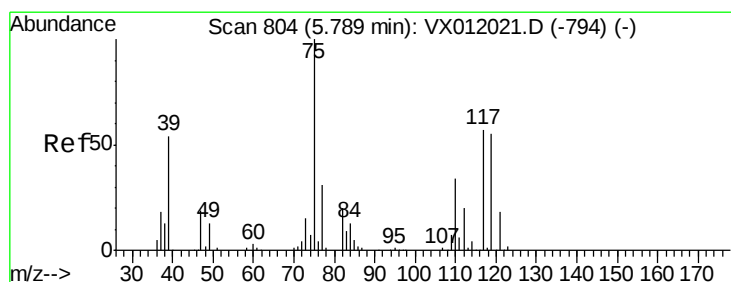
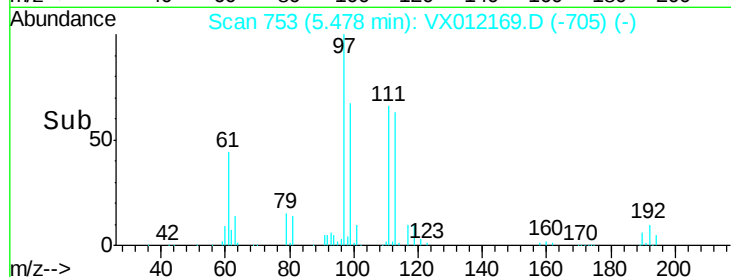
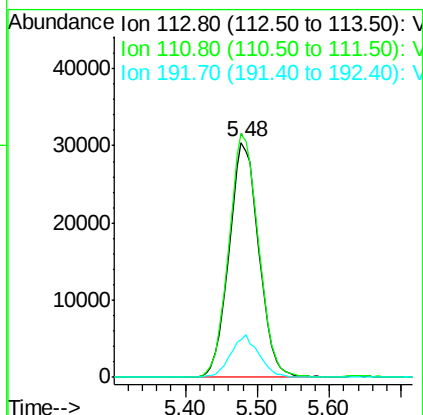
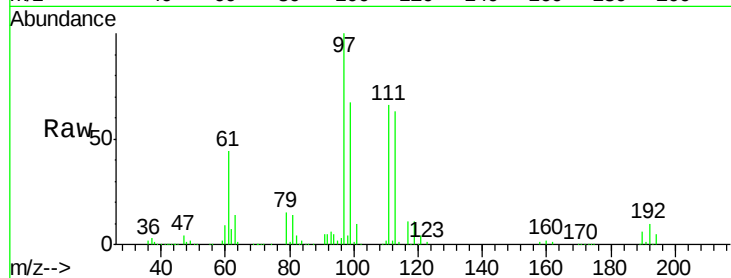
111 103.8 81.7 122.5

192 17.2 22.5 33.7#

Manual Integrations
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9/9/2019 9:18:50 AM



#36

1,1-Dichloropropene

Concen: 50.086 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

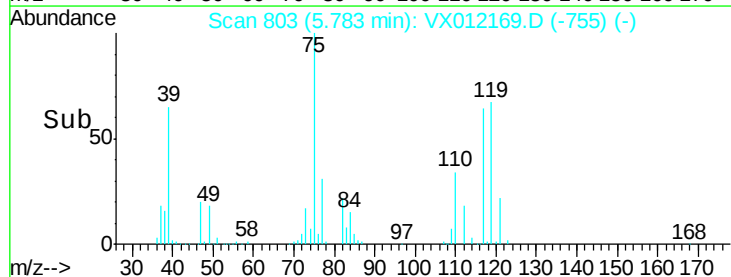
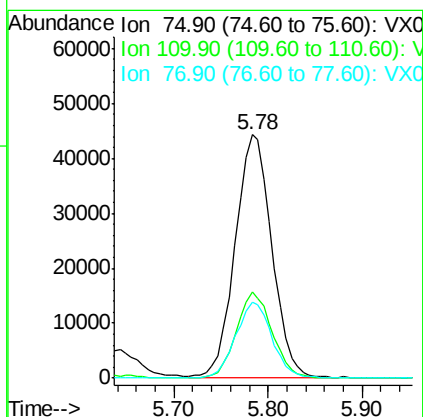
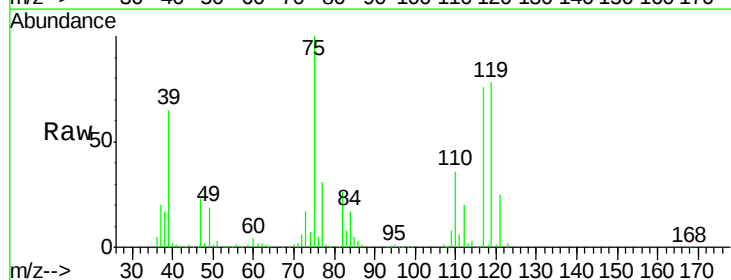
Tgt Ion: 75 Resp: 119431

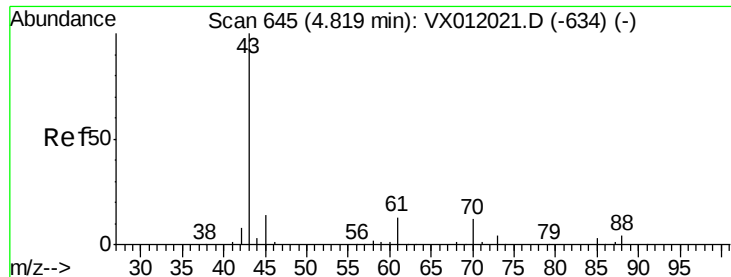
Ion Ratio Lower Upper

75 100

110 34.8 19.5 58.5

77 30.9 24.6 37.0





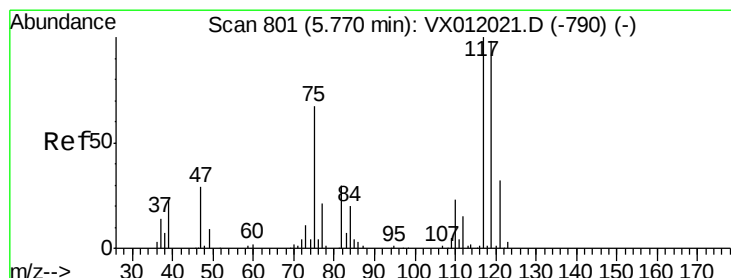
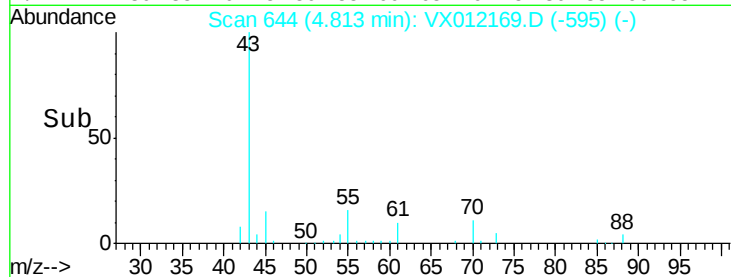
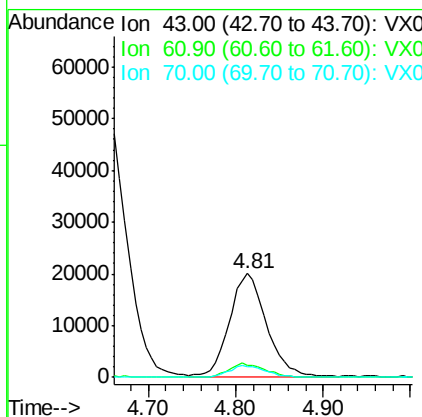
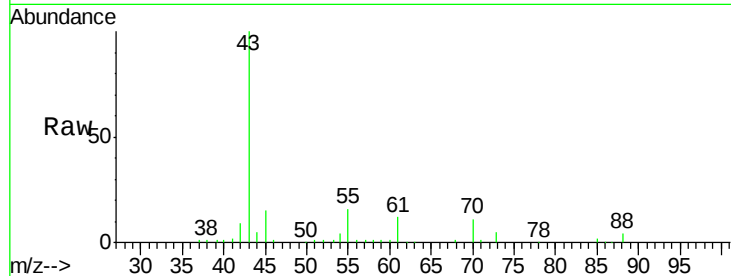
#37
Ethyl Acetate
Concen: 44.828 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.9	16.3
70	11.8	9.4	14.0

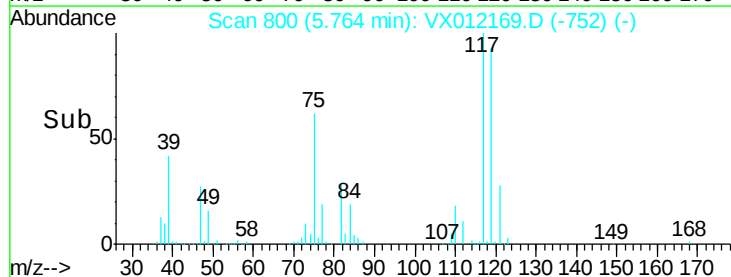
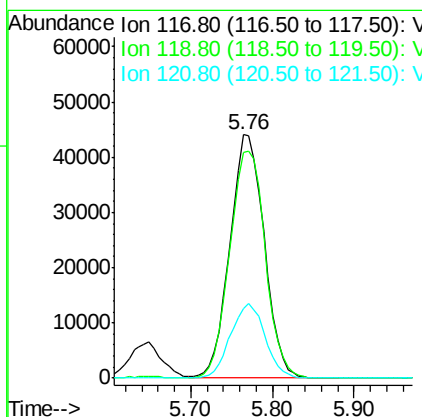
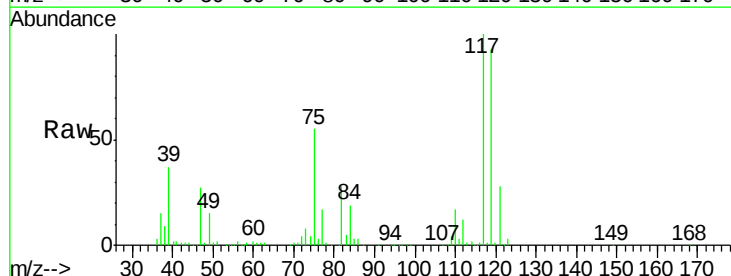
Manual Integrations
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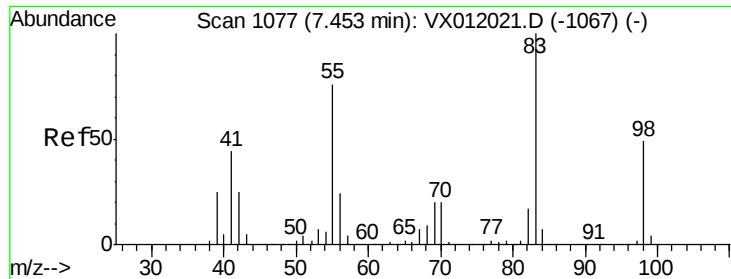
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#38
Carbon Tetrachloride
Concen: 51.130 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.3	117.5
121	28.5	24.2	36.2





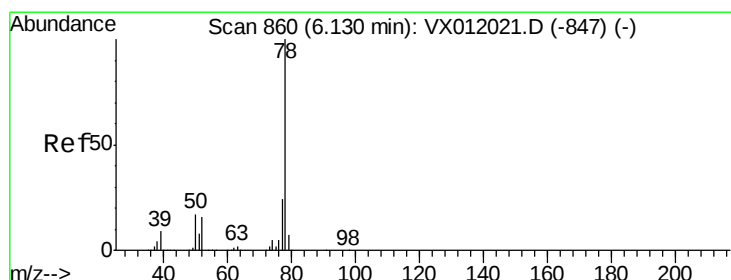
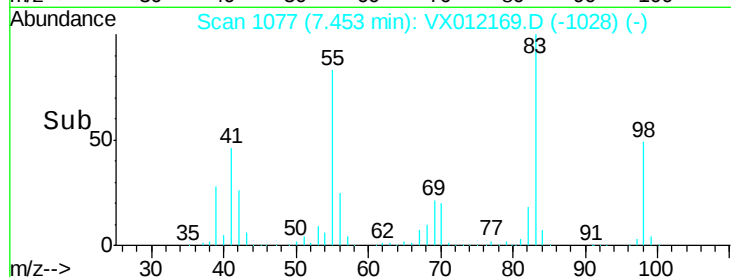
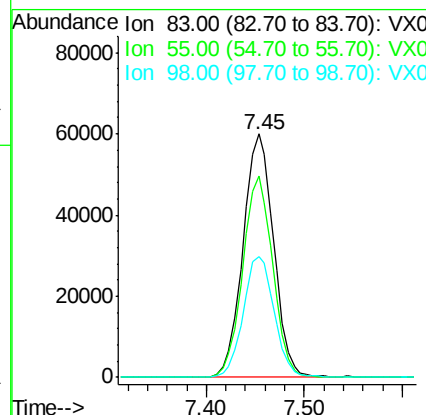
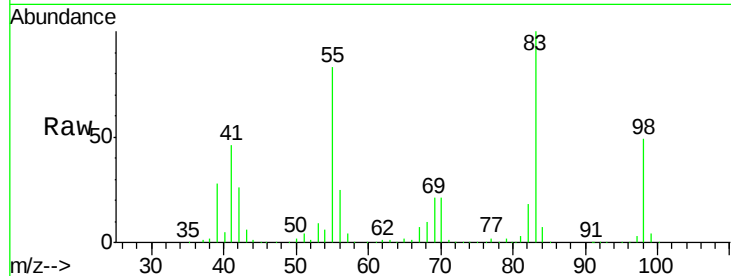
#39
Methvlcvclohexane
Concen: 47.024 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.9	59.6	89.4	
98	49.5	41.4	62.0	

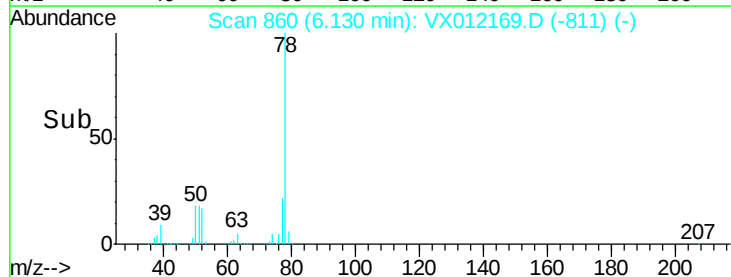
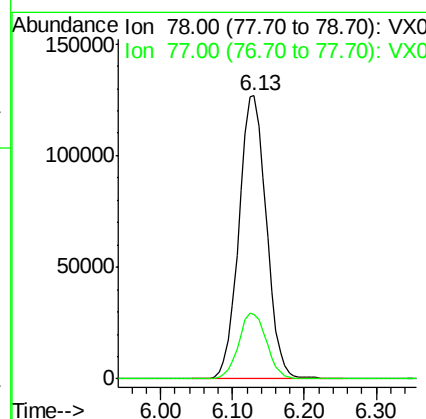
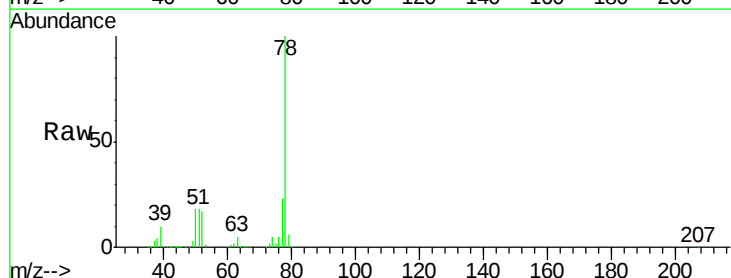
Manual Integrations
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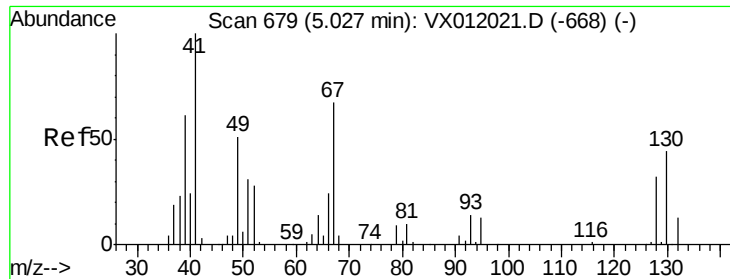
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#40
Benzene
Concen: 49.176 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	19.3	28.9	





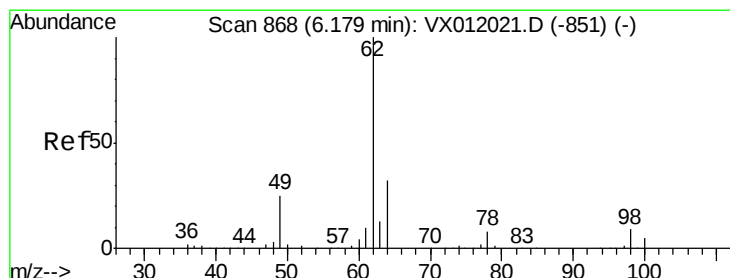
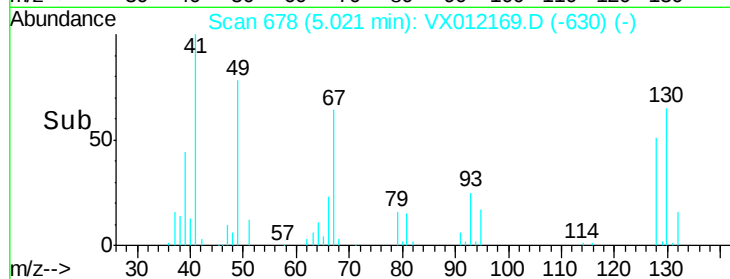
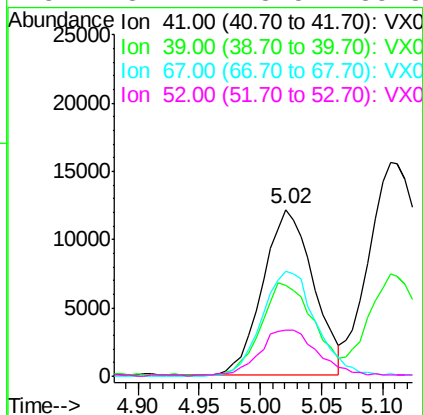
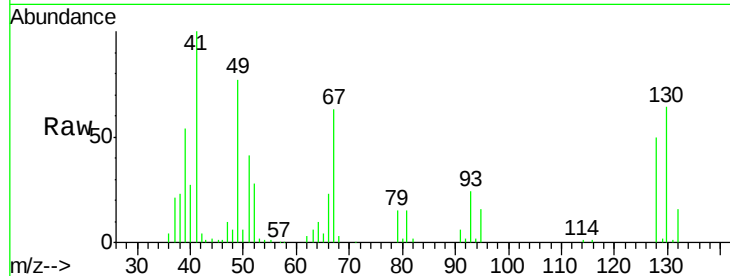
#41
Methacrylonitrile
Concen: 45.442 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	35139
Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.7	70.1
67	67.8	57.0	85.6
52	32.7	23.5	35.3

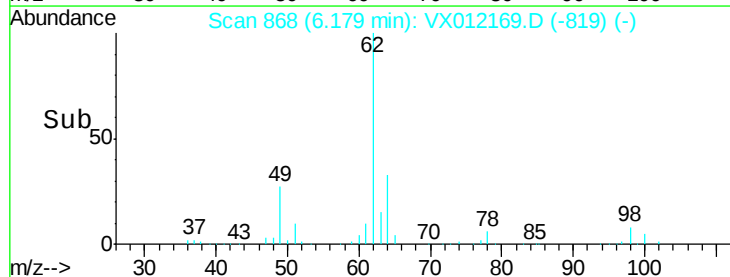
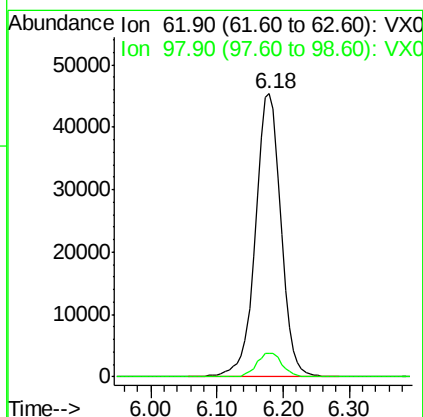
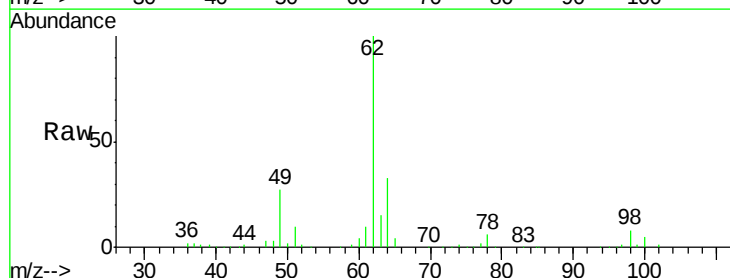
Manual Integrations
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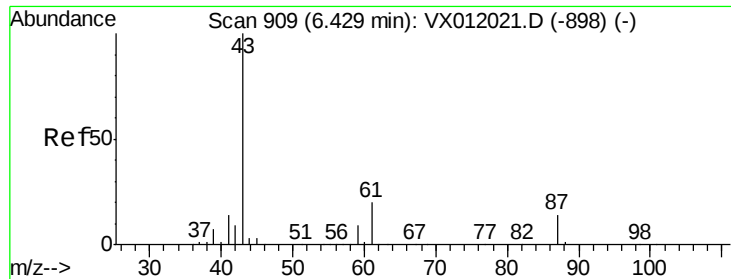
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.606 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion:	62	Resp:	122202
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	19.2





#43

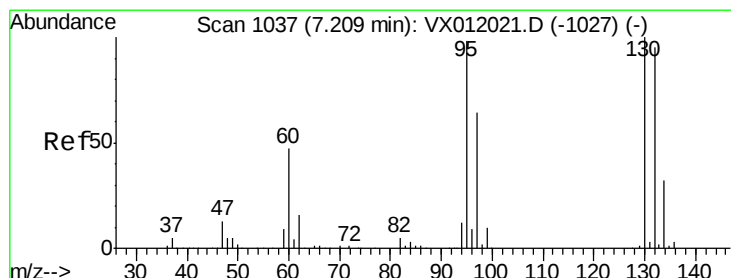
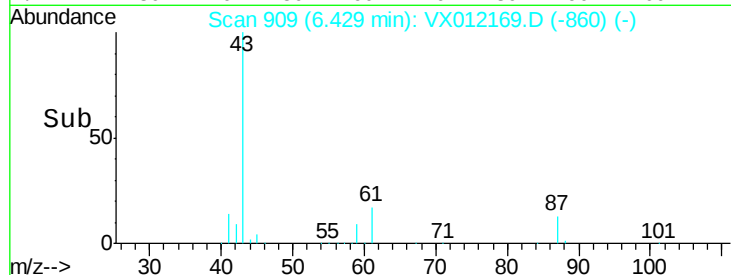
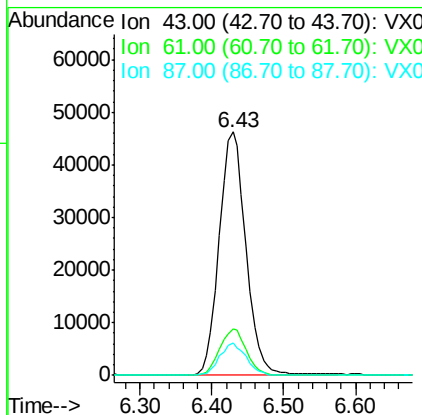
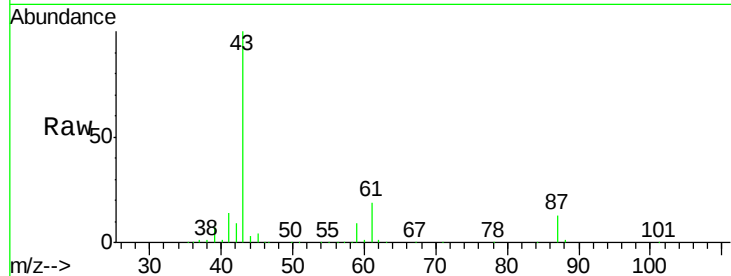
Isopropyl Acetate
 Concen: 45.024 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.1	24.1
87	13.1	11.3	16.9

Manual Integrations
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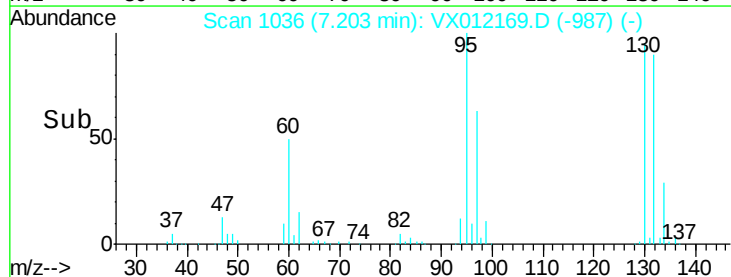
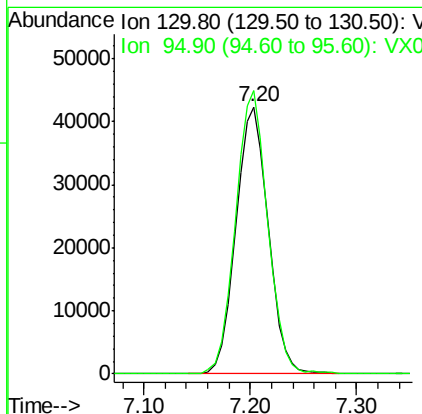
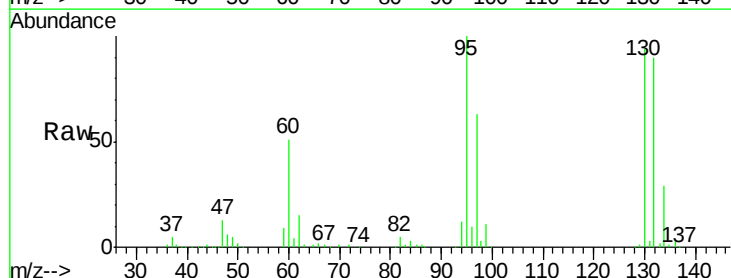
MMDadoda
 9/9/2019 9:18:50 AM

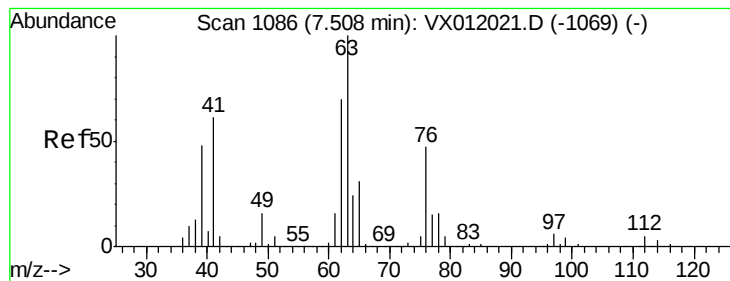


#44

Trichloroethene
 Concen: 48.915 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	176.4





#45

1,2-Dichloropropane

Concen: 48.071 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 85020

Ion Ratio Lower Upper

63 100

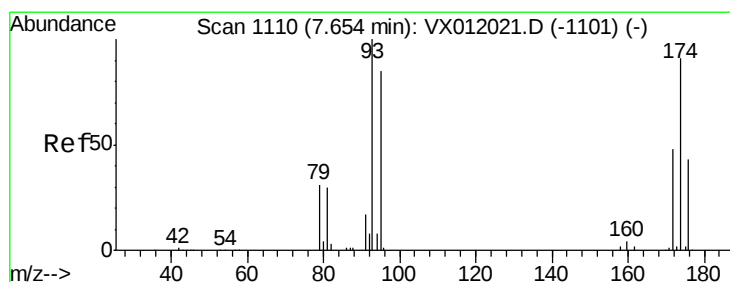
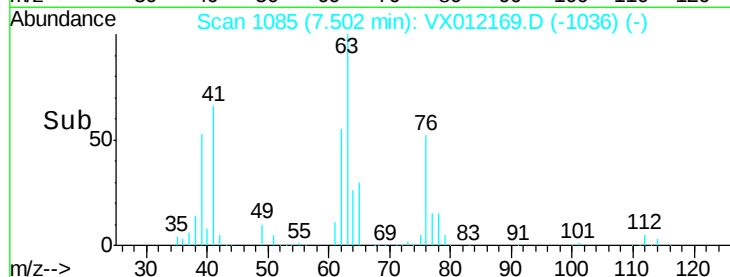
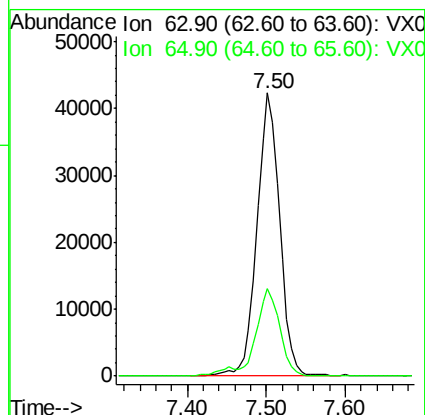
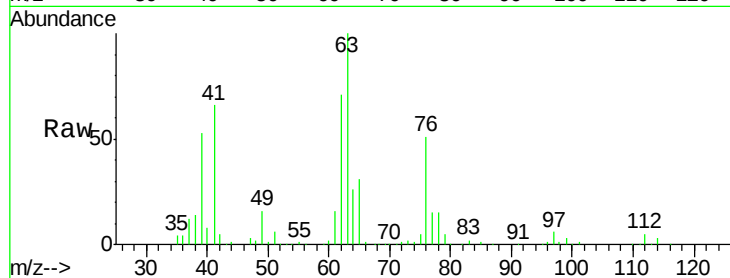
65 30.8 25.0 37.6

Manual Integrations

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9/9/2019 9:18:50 AM



#46

Dibromomethane

Concen: 46.627 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

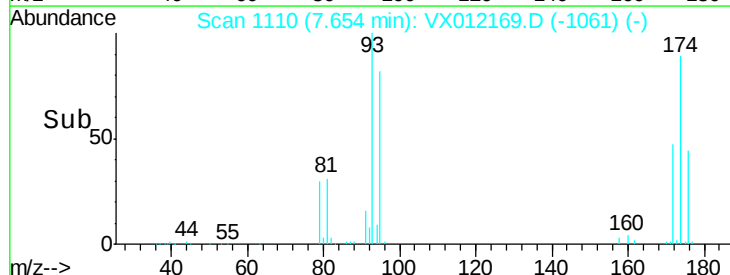
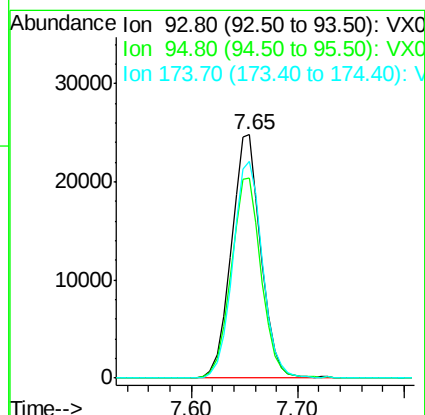
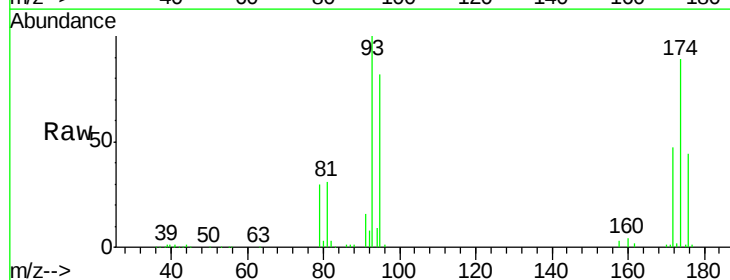
Tgt Ion: 93 Resp: 48140

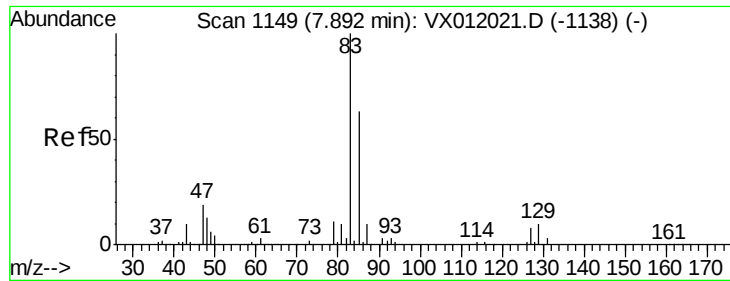
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 89.2 110.2 165.4#





#47

Bromodichloromethane

Concen: 48.870 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

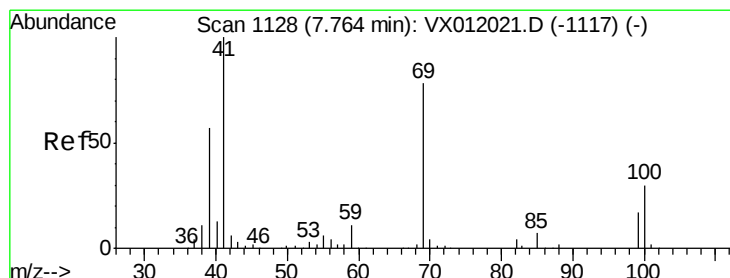
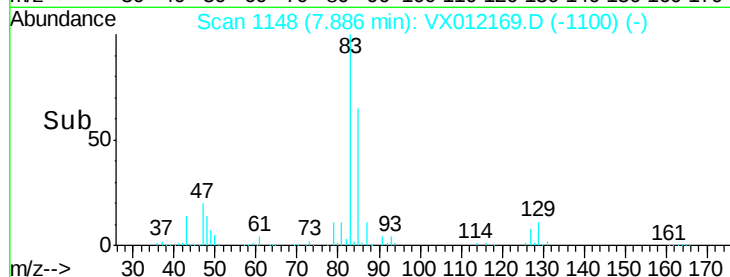
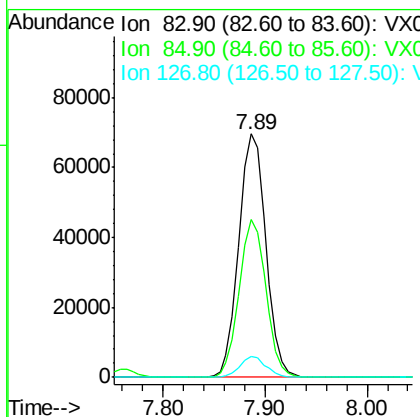
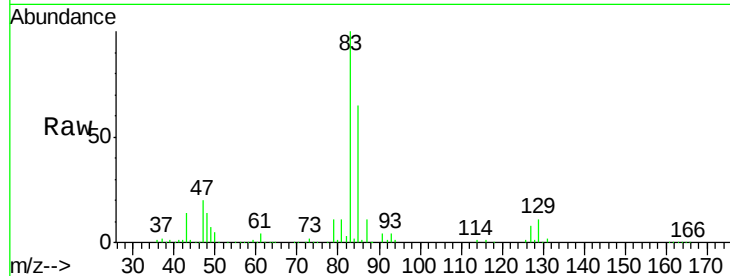
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	128251
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.3	75.5
127	8.4	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.343 ug/l

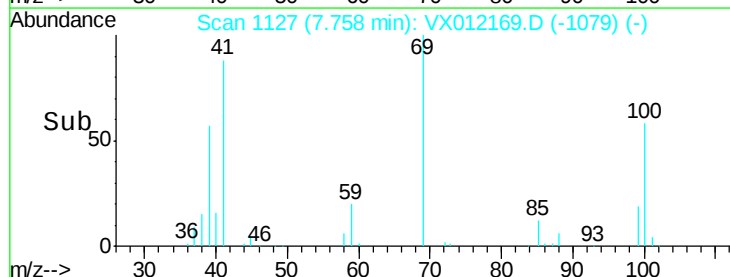
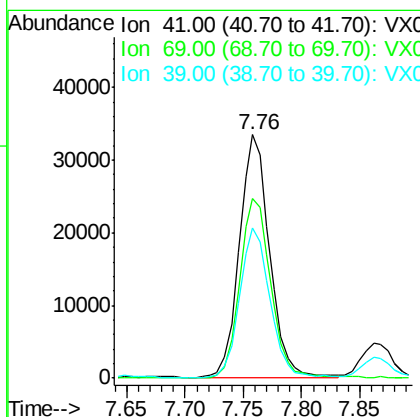
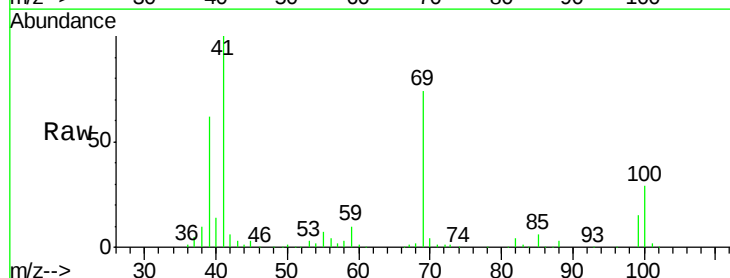
RT: 7.76 min Scan# 1127

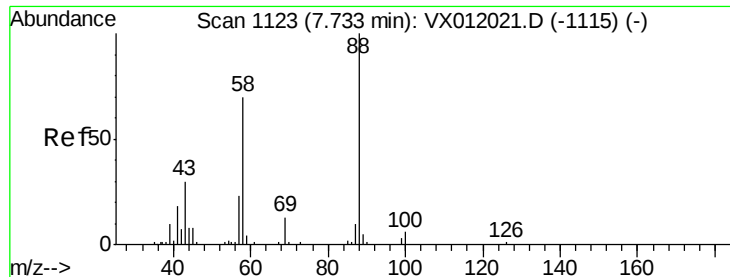
Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion:	41	Resp:	60111
Ion	Ratio	Lower	Upper
41	100		
69	76.7	66.3	99.5
39	62.0	48.1	72.1





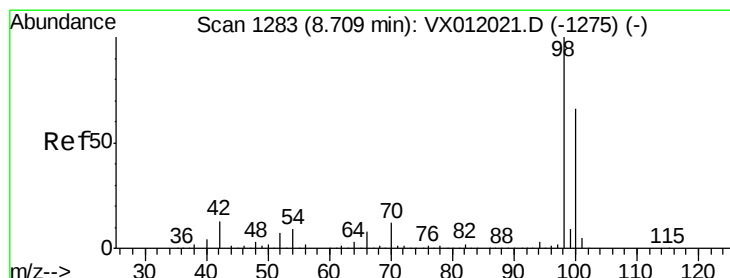
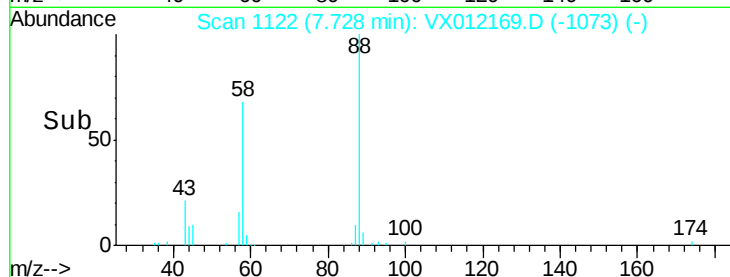
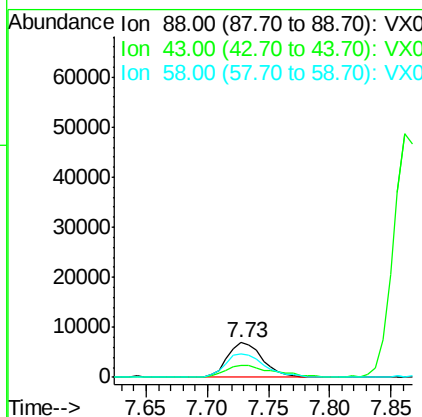
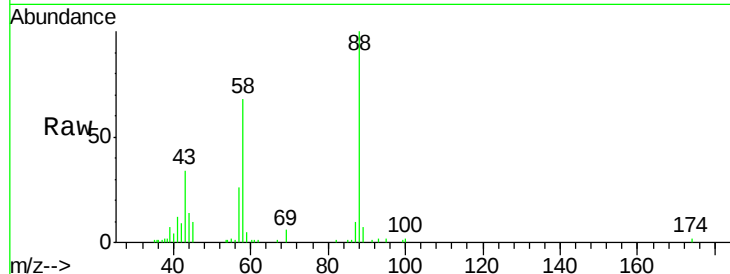
#49
1,4-Dioxane
Concen: 773.240 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.6	29.8	44.6
58	74.1	55.4	83.2

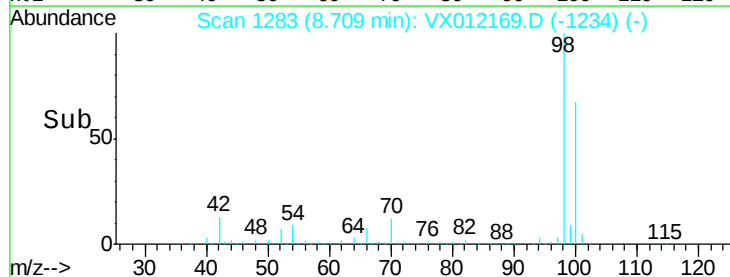
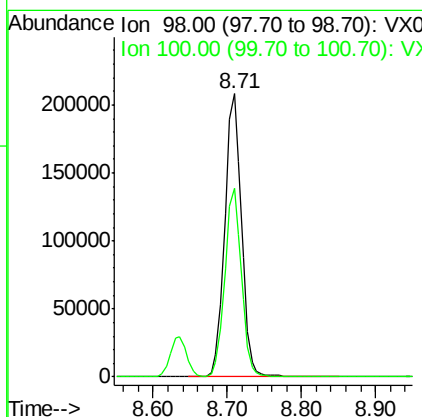
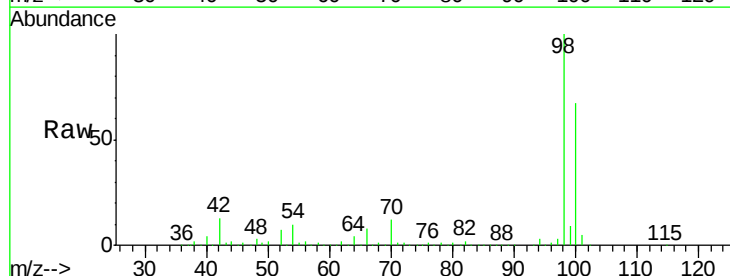
Manual Integrations
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MMDadoda
9/9/2019 9:18:50 AM



#50
Toluene-d8
Concen: 53.732 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 221.724 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 297345

Ion Ratio Lower Upper

43 100

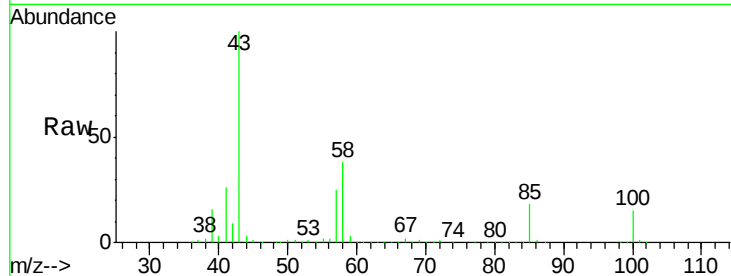
58 37.8 31.5 47.3

Manual Integrations

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MMDadoda

9/9/2019 9:18:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

200000

150000

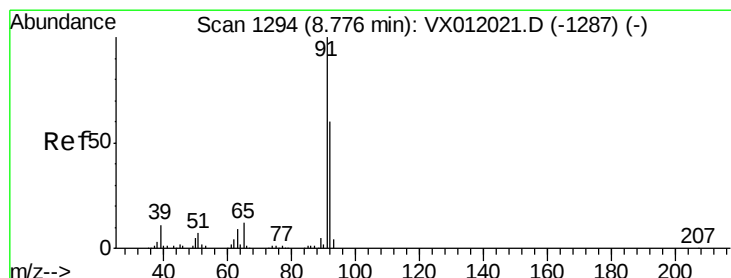
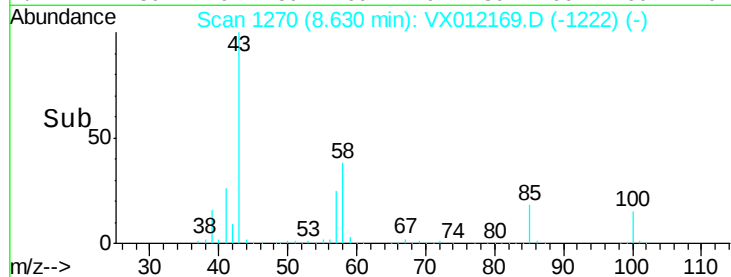
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 48.529 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012169.D

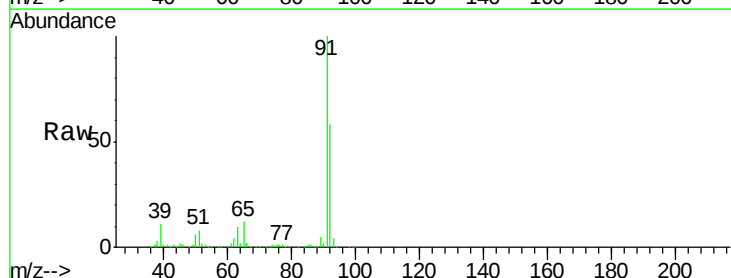
Acq: 07 Sep 2019 09:37

Tgt Ion: 92 Resp: 216147

Ion Ratio Lower Upper

92 100

91 170.1 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

150000

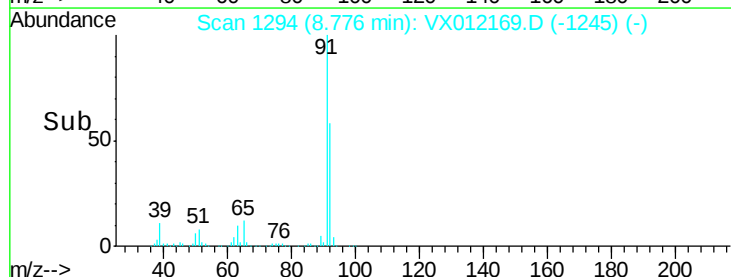
100000

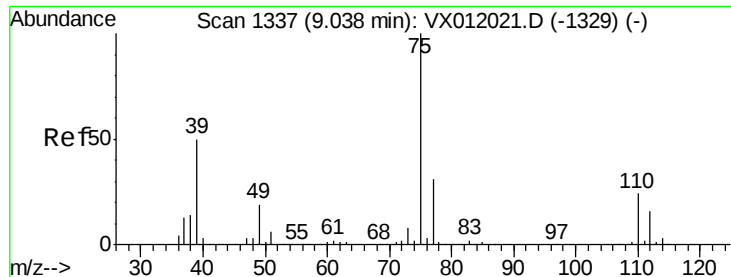
50000

0

8.70 8.80 8.90

Time-->





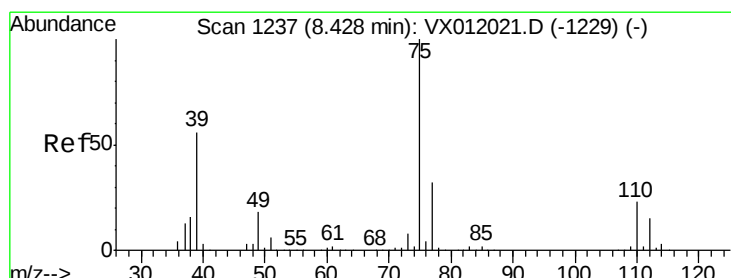
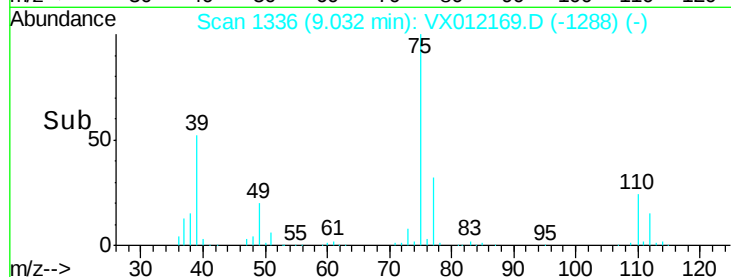
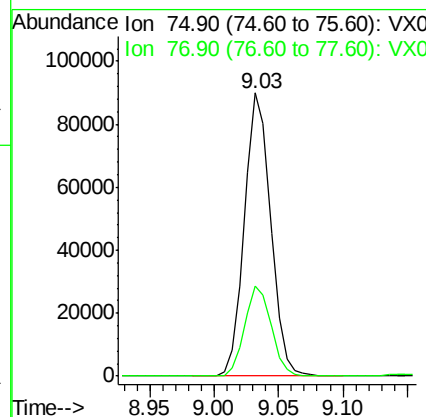
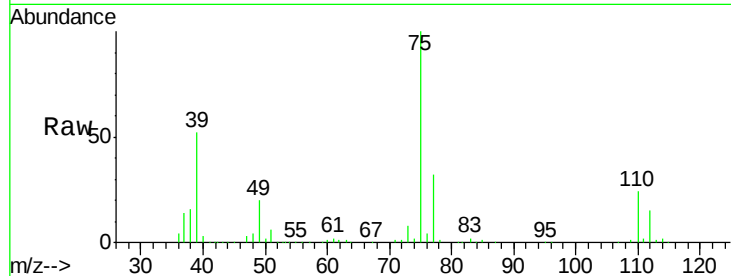
#53
t-1,3-Dichloropropene
Concen: 46.779 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 127099
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

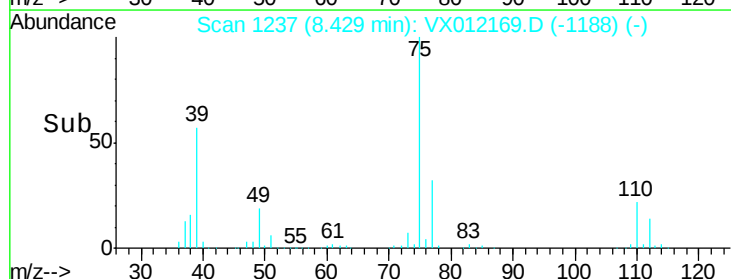
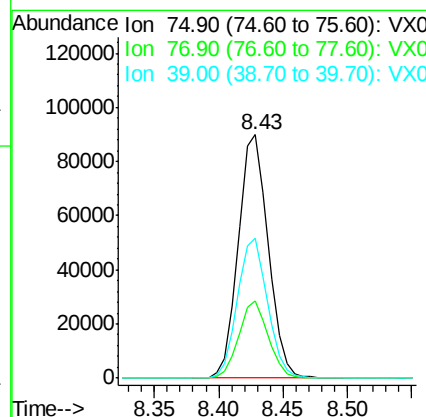
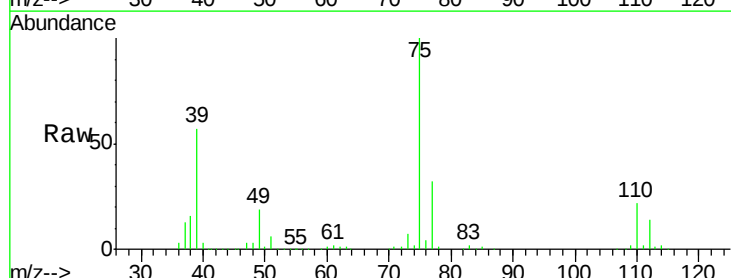
Manual Integrations
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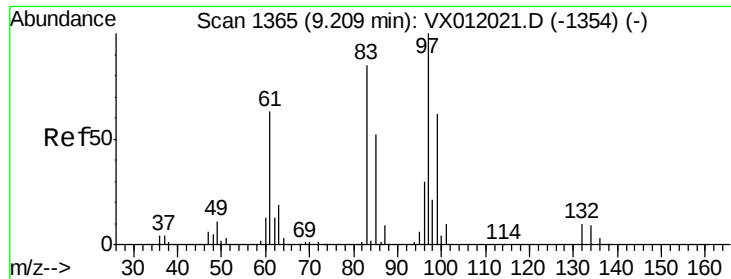
MMDadoda
9/9/2019 9:18:50 AM



#54
cis-1,3-Dichloropropene
Concen: 48.205 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion: 75 Resp: 145644
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 57.1 43.0 64.4





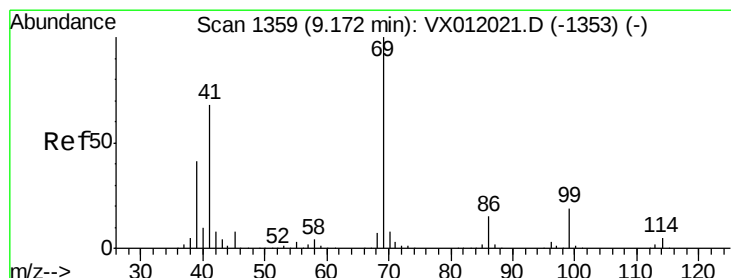
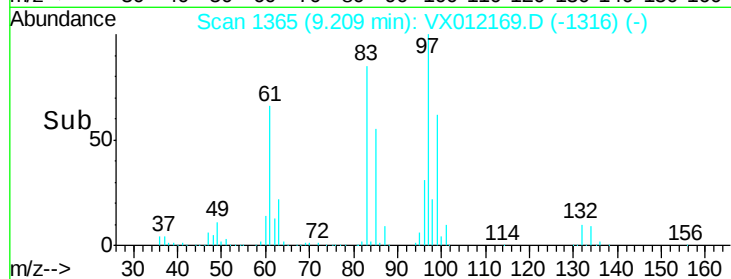
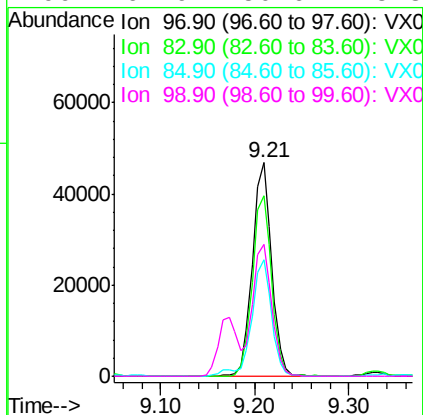
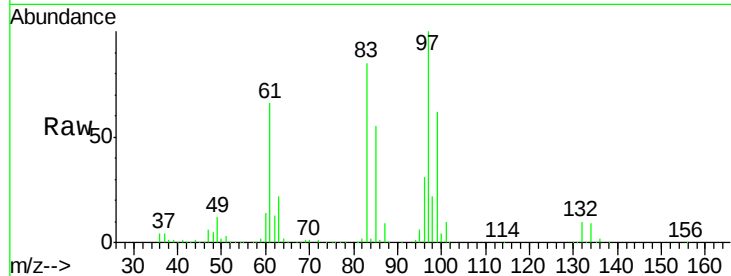
#55
 1,1,2-Trichloroethane
 Concen: 45.889 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	67735
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.0	99.0
85	54.8	41.0	61.6
99	61.9	50.6	75.8

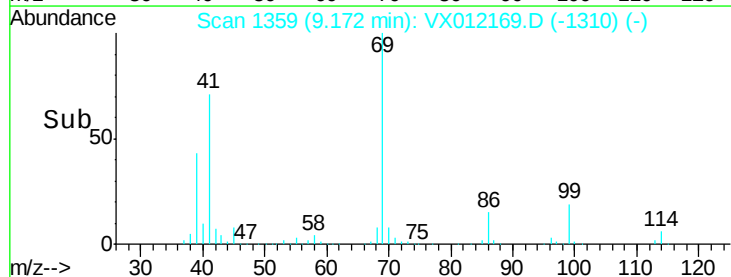
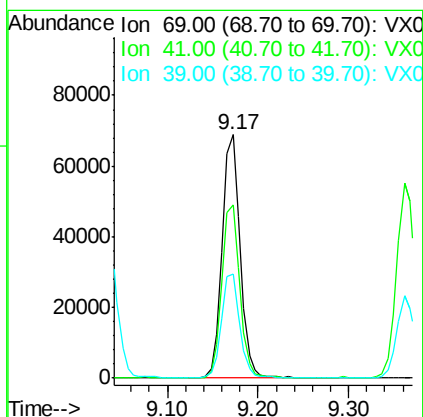
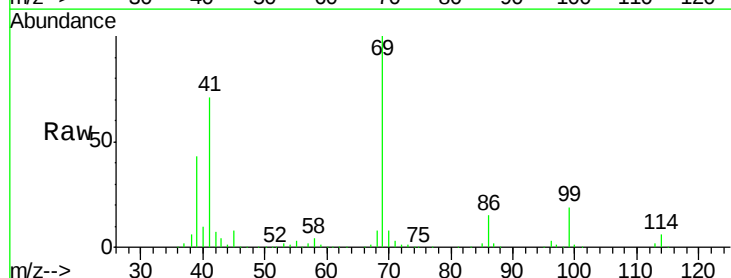
Manual Integrations
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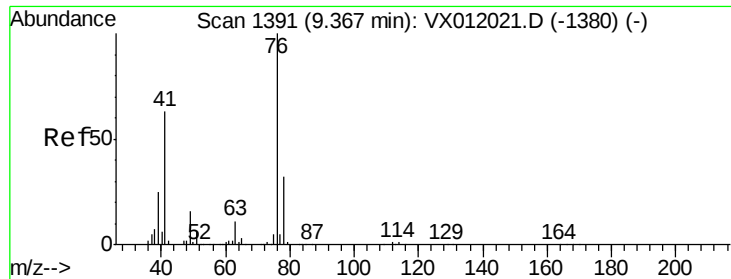
MMDadoda
 9/9/2019 9:18:50 AM



#56
 Ethyl methacrylate
 Concen: 45.205 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	69	Resp	95576
Ion	Ratio	Lower	Upper
69	100		
41	70.9	53.9	80.9
39	43.2	31.1	46.7





#57

1,3-Dichloropropane

Concen: 46.032 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 117249

Ion Ratio Lower Upper

76 100

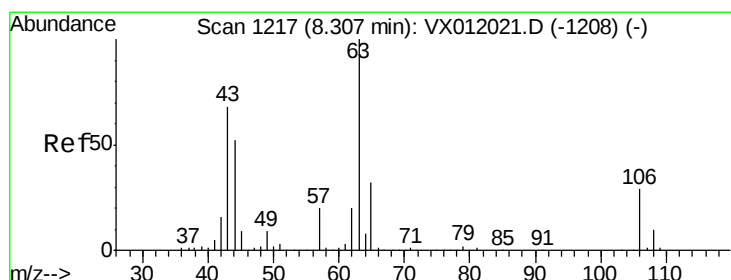
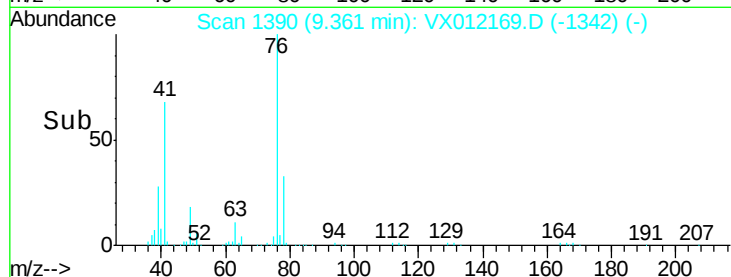
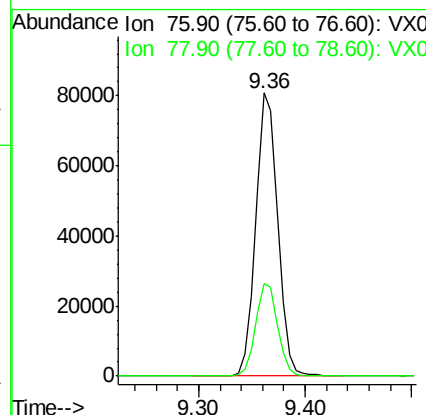
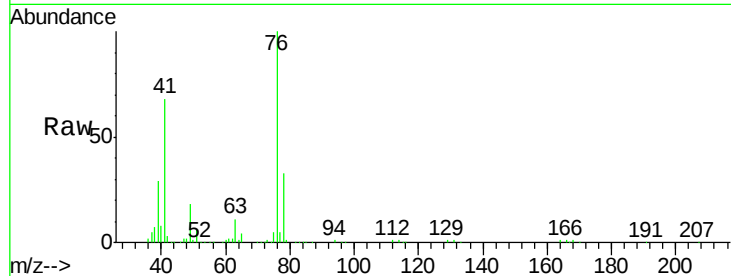
78 32.9 25.5 38.3

Manual Integrations

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MMDadoda

9/9/2019 9:18:50 AM



#58

2-Chloroethyl Vinyl ether

Concen: 219.855 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012169.D

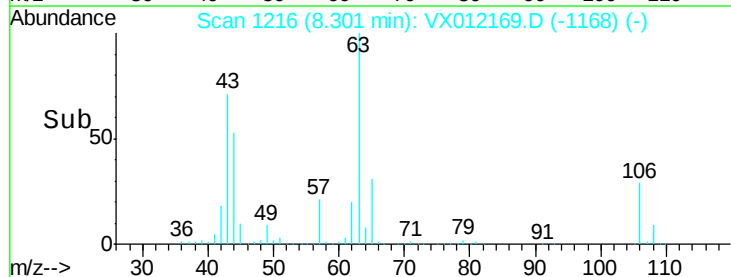
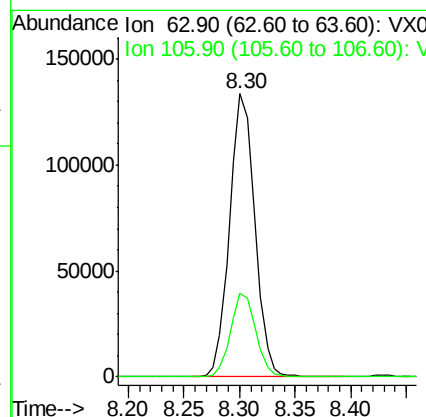
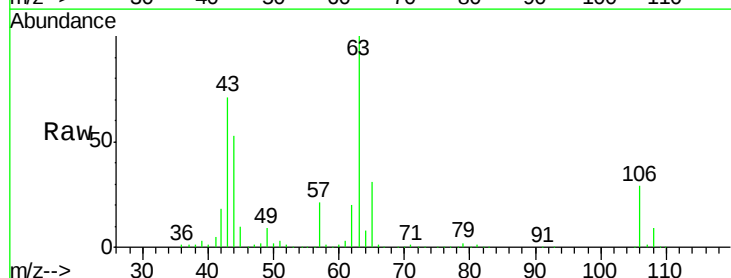
Acq: 07 Sep 2019 09:37

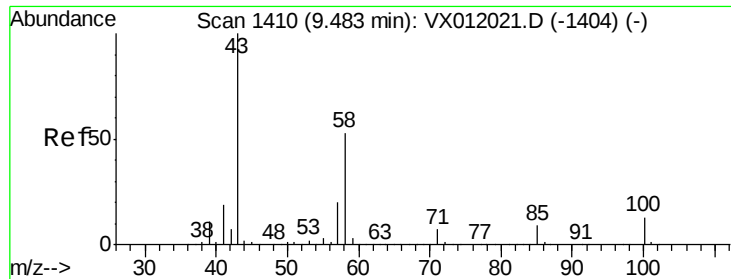
Tgt Ion: 63 Resp: 209565

Ion Ratio Lower Upper

63 100

106 29.6 26.5 39.7





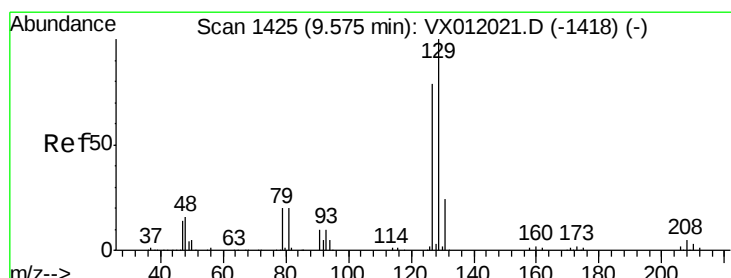
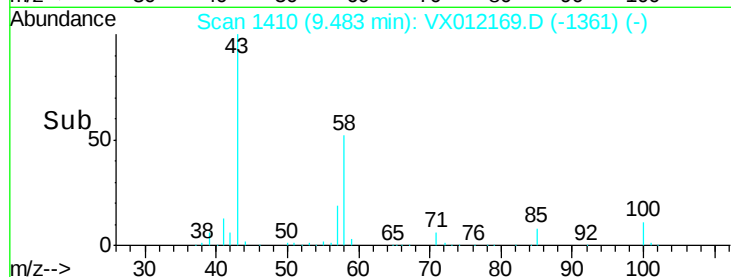
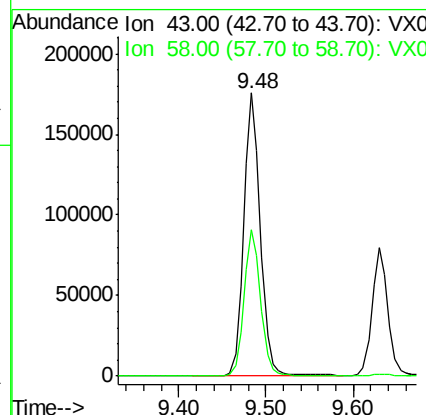
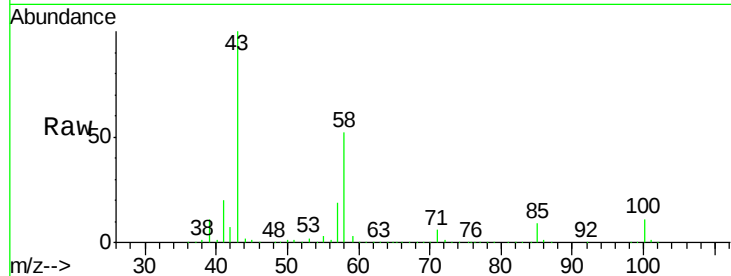
#59
2-Hexanone
Concen: 238.904 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 233777
Ion Ratio Lower Upper
43 100
58 51.9 27.2 81.6

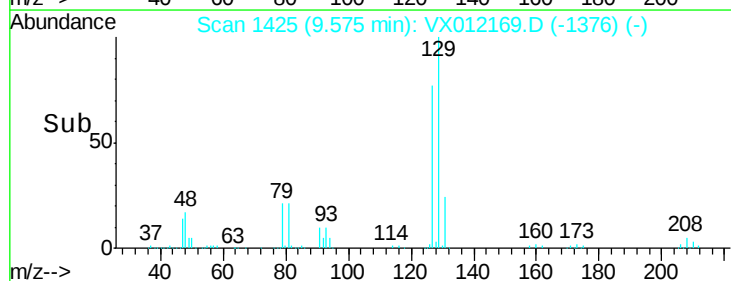
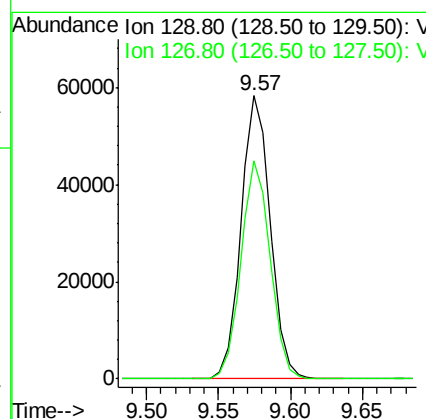
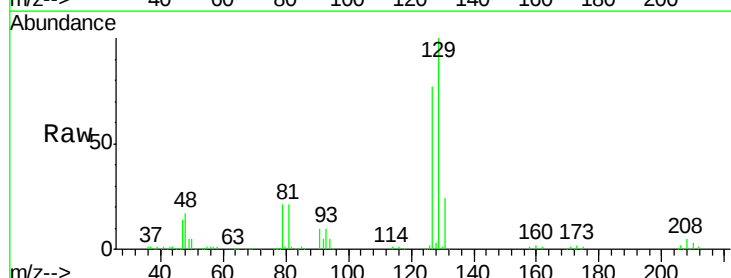
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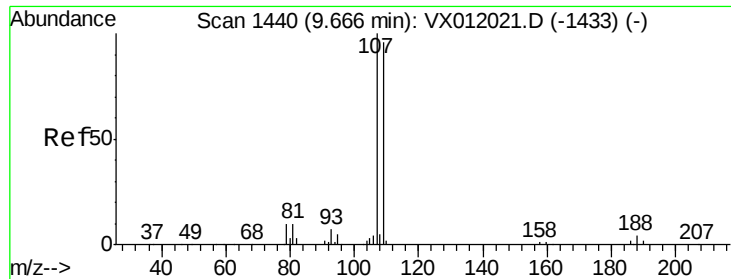
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#60
Dibromochloromethane
Concen: 46.727 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion: 129 Resp: 82202
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





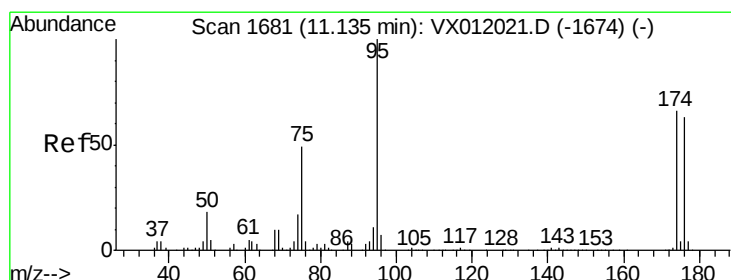
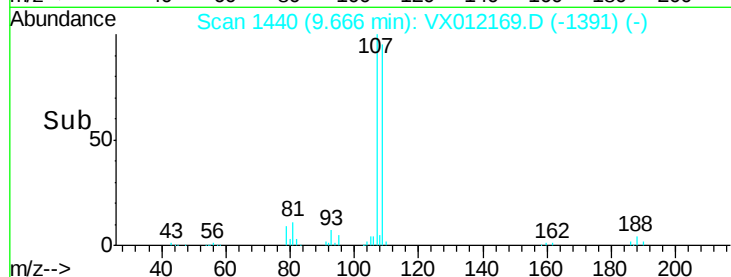
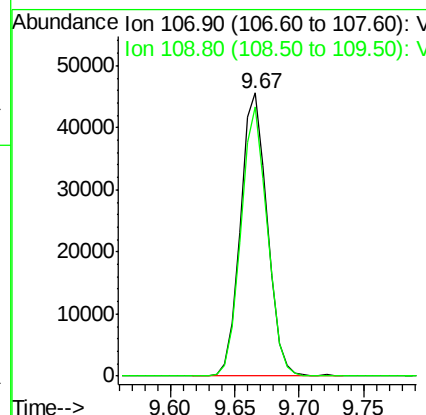
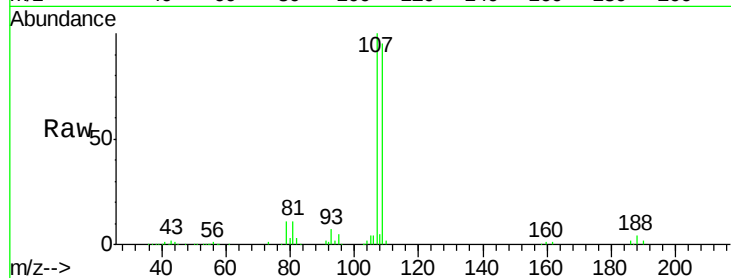
#61
 1,2-Dibromoethane
 Concen: 46.043 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	76.9	115.3

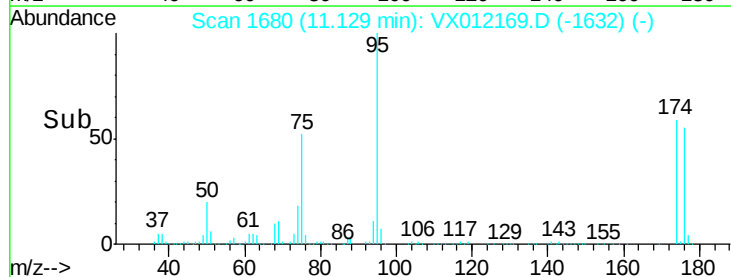
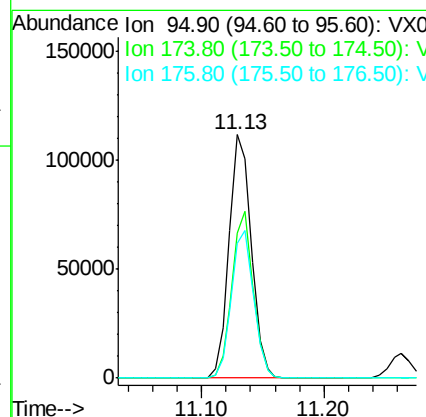
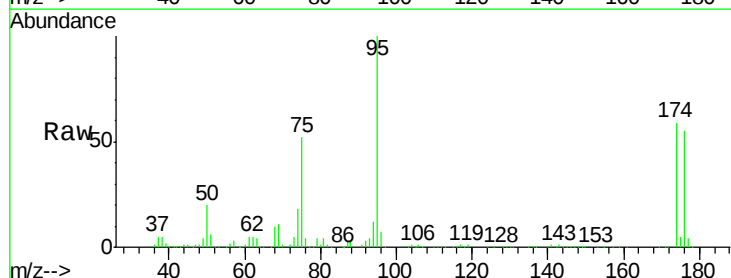
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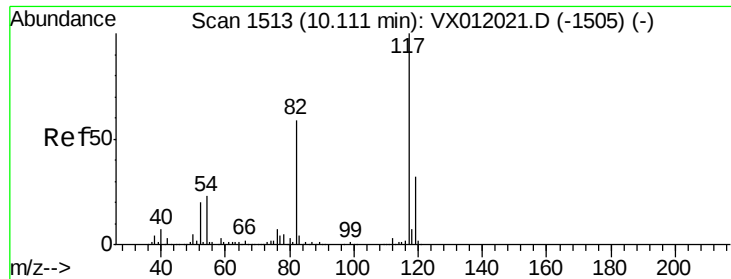
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.499 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.2	0.0	205.4
176	60.3	0.0	201.8





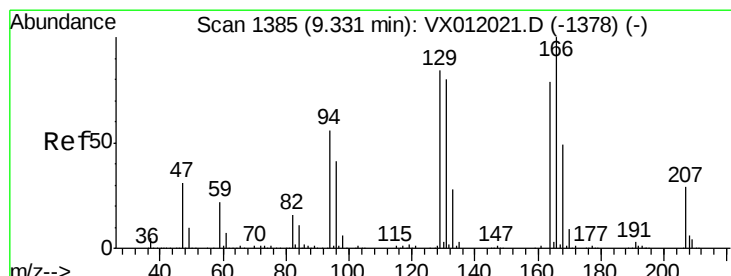
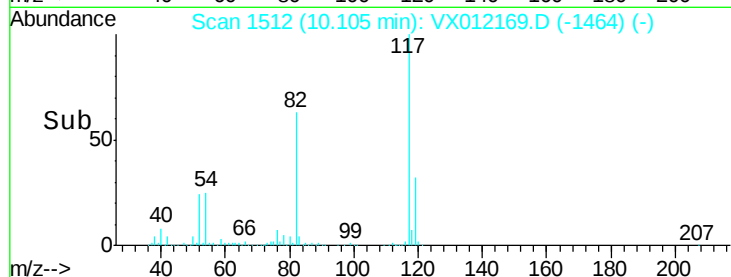
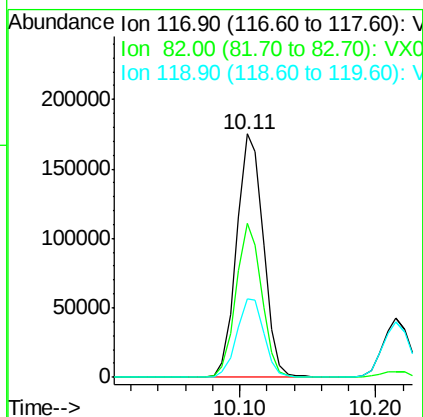
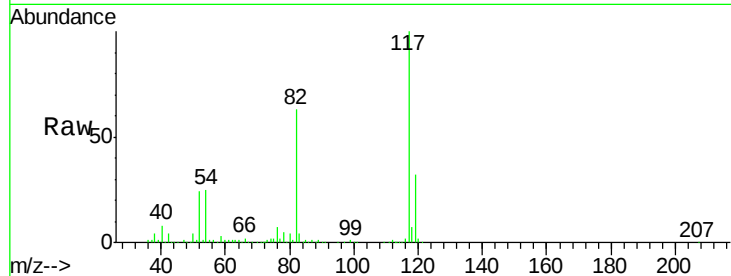
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	239562		
82	63.0	39.4	59.0#	
119	32.4	26.1	39.1	

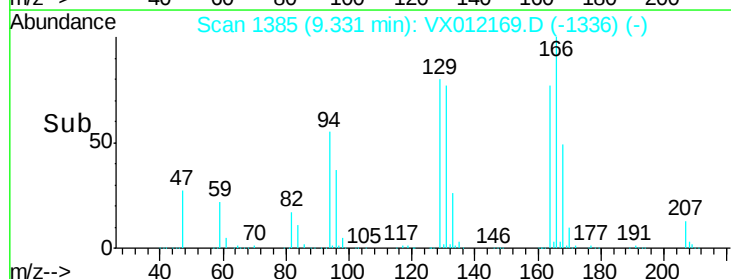
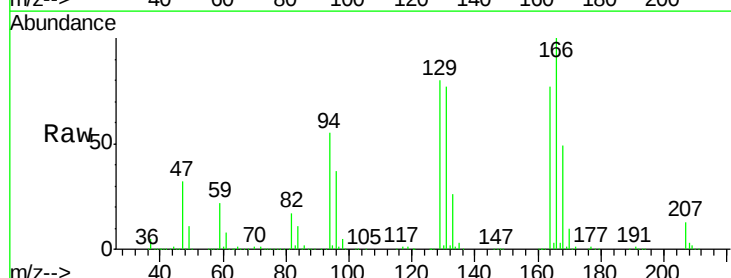
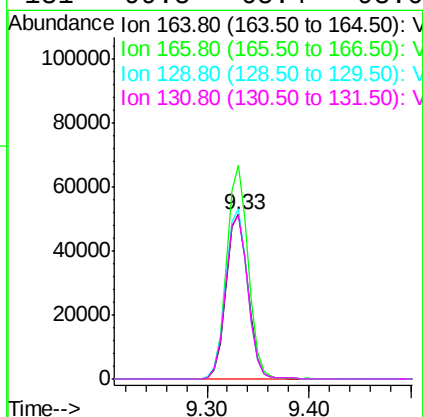
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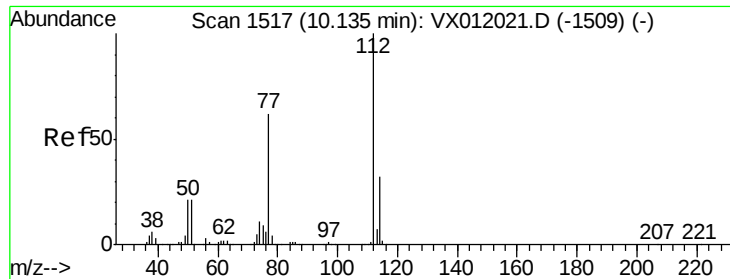
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#64
Tetrachloroethene
Concen: 51.282 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76591		
166	129.5	104.3	156.5	
129	103.6	68.3	102.5#	
131	99.5	65.4	98.0#	





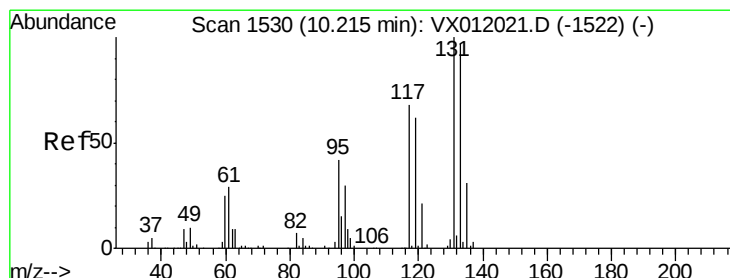
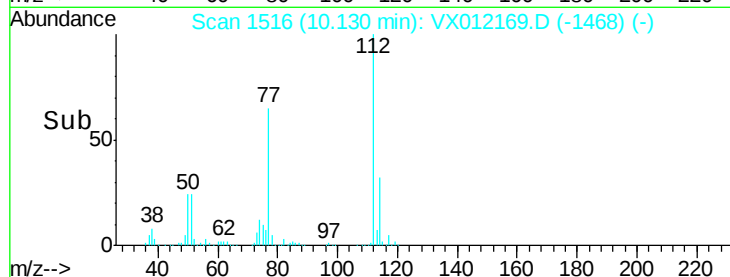
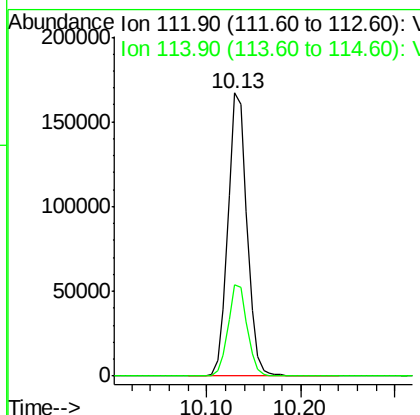
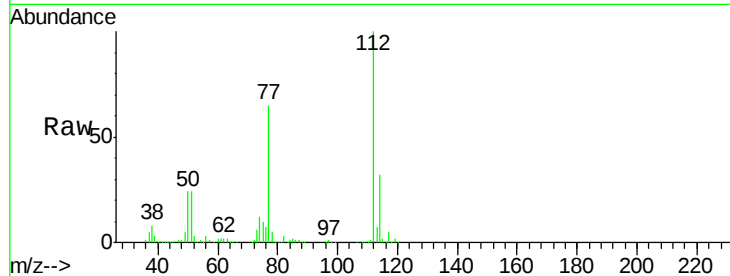
#65
Chlorobenzene
Concen: 49.514 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	234038		
114	32.1	26.2	39.2	

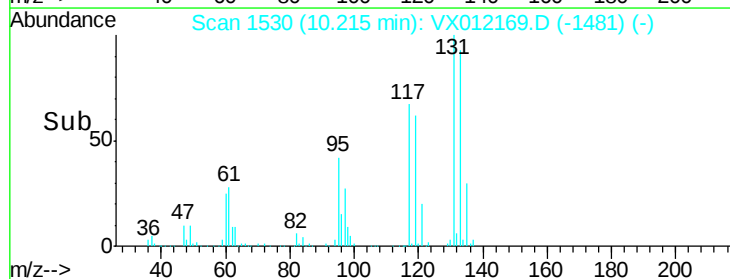
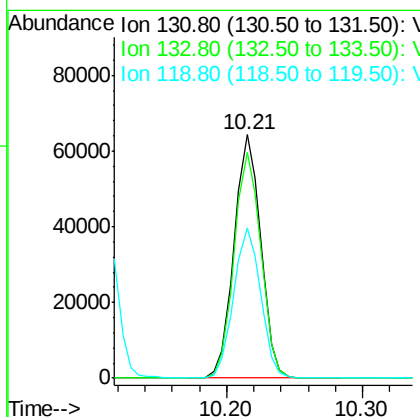
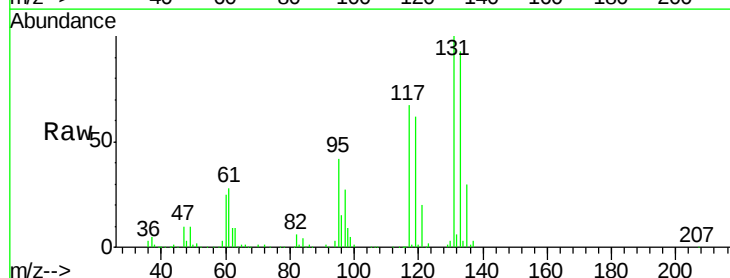
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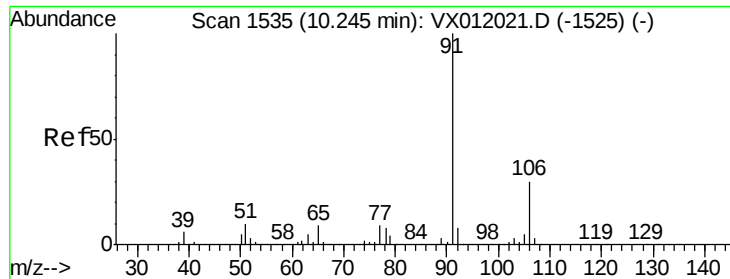
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.880 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	87937		
133	93.2	48.4	145.0	
119	62.5	30.5	91.5	





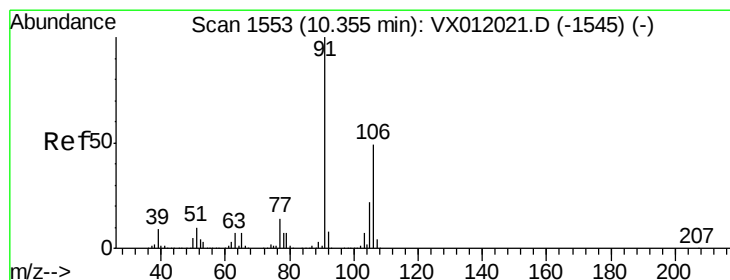
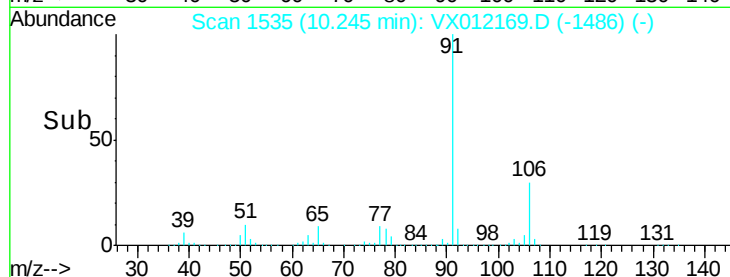
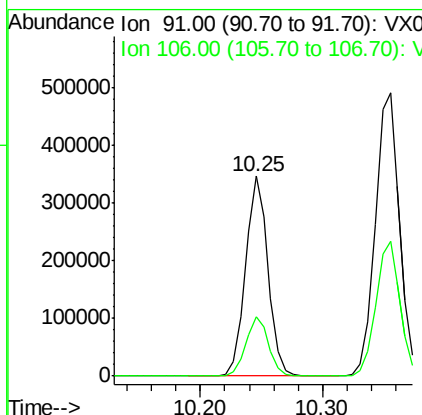
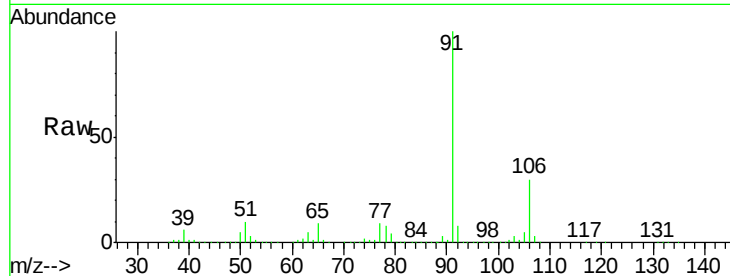
#67
Ethyl Benzene
Concen: 51.027 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 439644
Ion Ratio Lower Upper
91 100
106 29.8 25.8 38.8

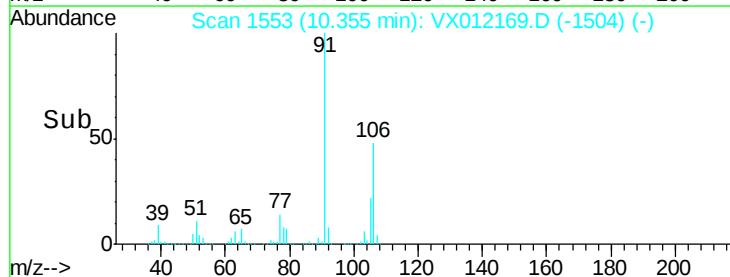
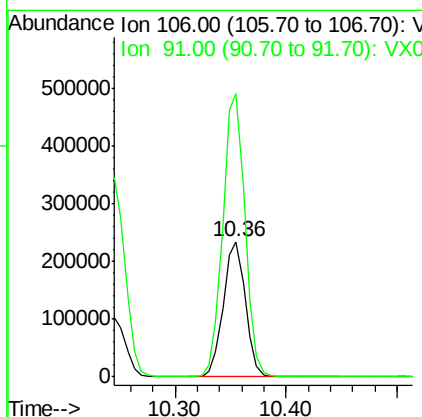
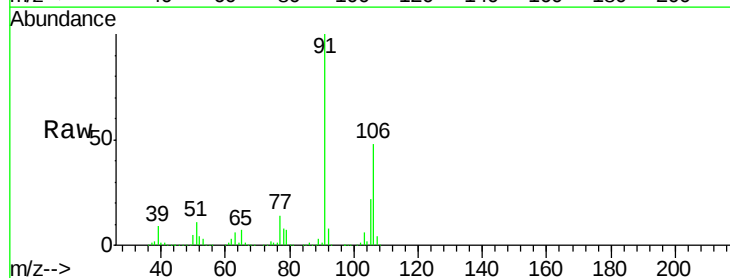
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#68
m/p-Xylenes
Concen: 100.964 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion: 106 Resp: 320503
Ion Ratio Lower Upper
106 100
91 210.7 157.5 236.3





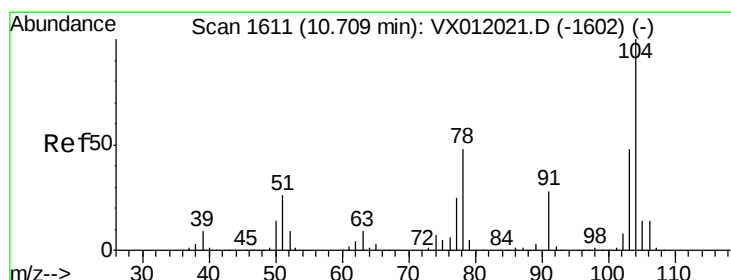
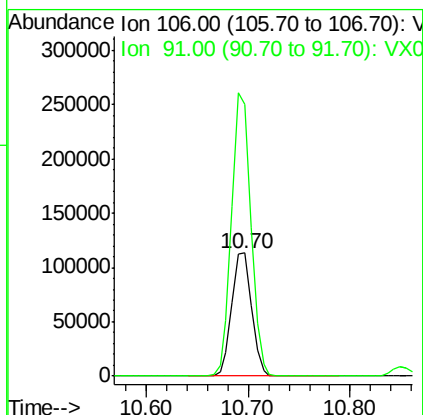
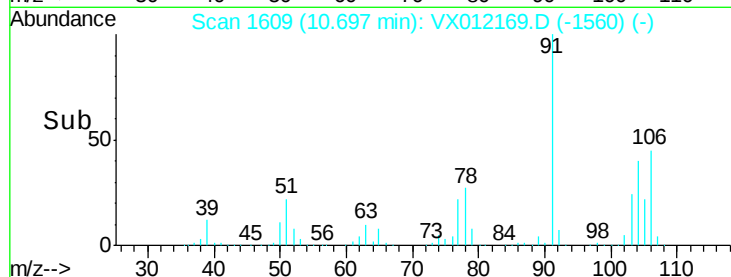
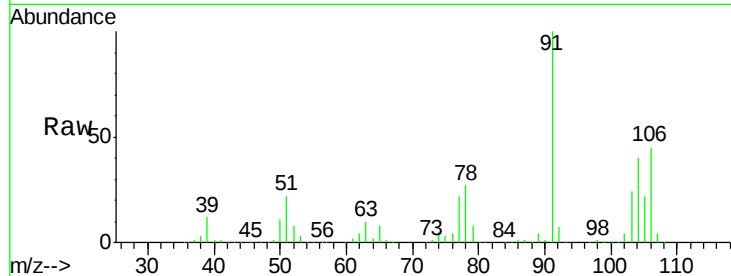
#69
o-Xylene
Concen: 49.522 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 152440
Ion Ratio Lower Upper
106 100
91 223.5 103.5 310.3

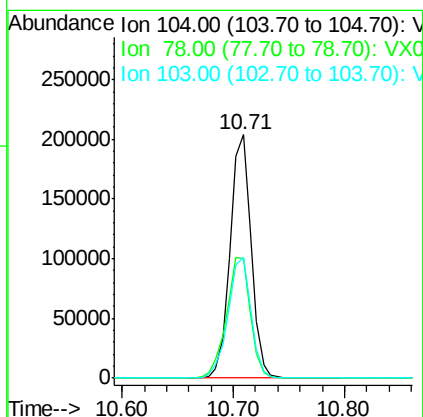
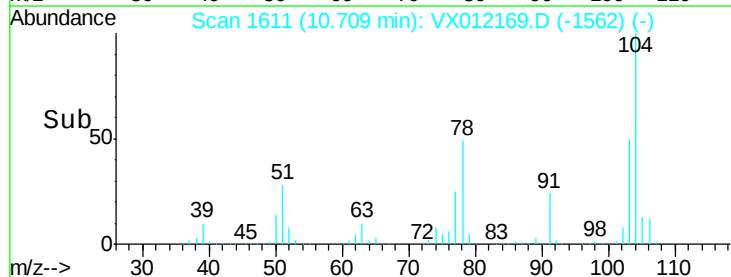
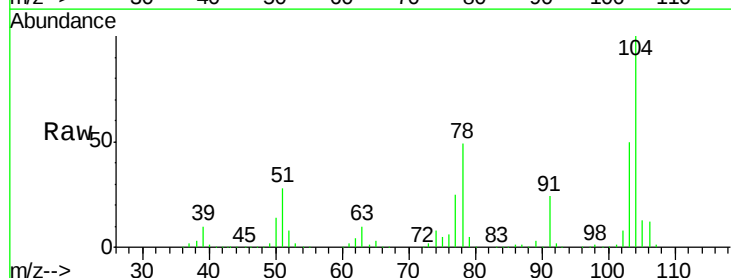
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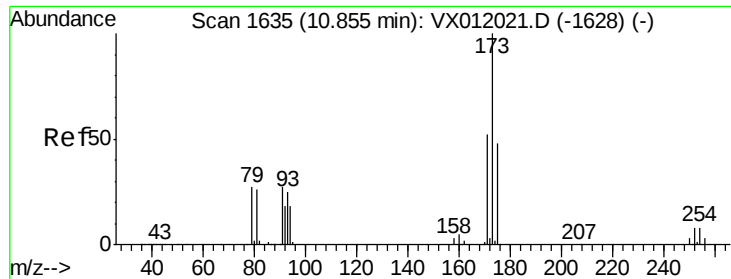
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#70
Styrene
Concen: 49.791 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion:104 Resp: 266212
Ion Ratio Lower Upper
104 100
78 56.3 39.1 58.7
103 54.2 43.4 65.2





#71

Bromoform

Concen: 46.169 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 43827

Ion Ratio Lower Upper

173 100

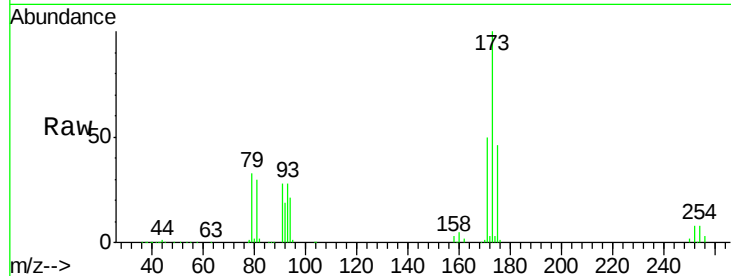
175 48.3 24.9 74.7

254 0.1 0.1 0.1#

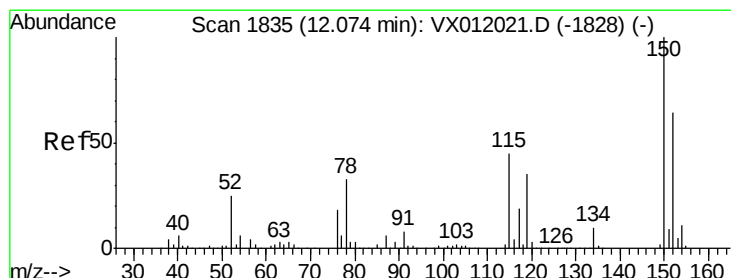
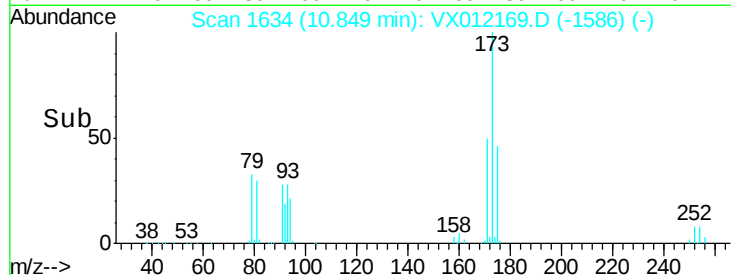
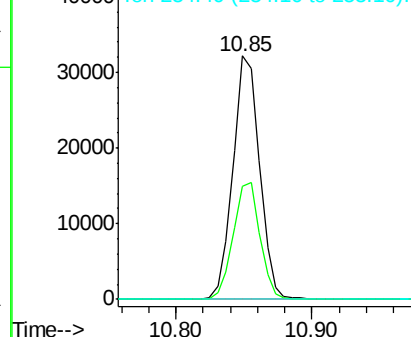
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

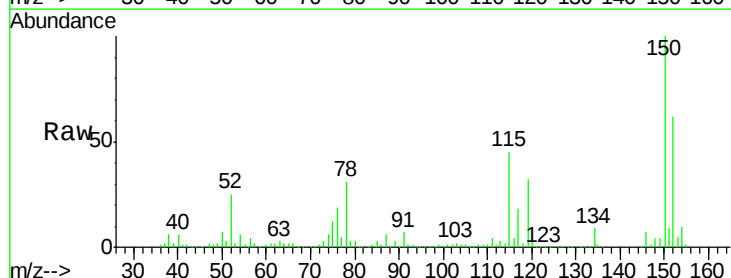
Tgt Ion:152 Resp: 118643

Ion Ratio Lower Upper

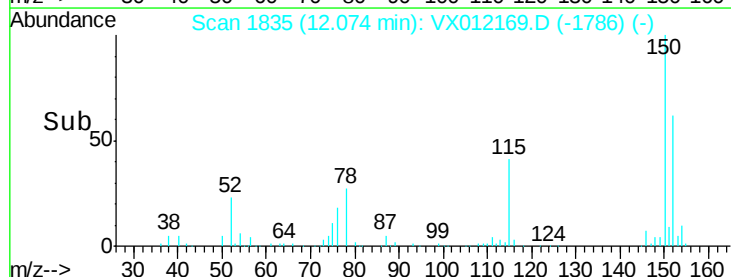
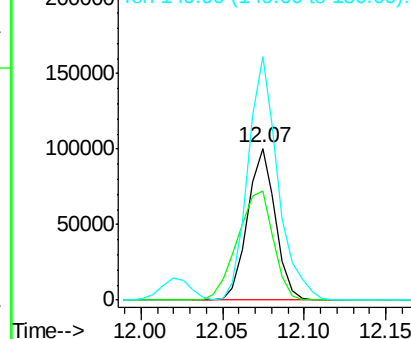
152 100

115 93.8 36.4 109.3

150 174.7 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.744 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 424316

Ion Ratio Lower Upper

105 100

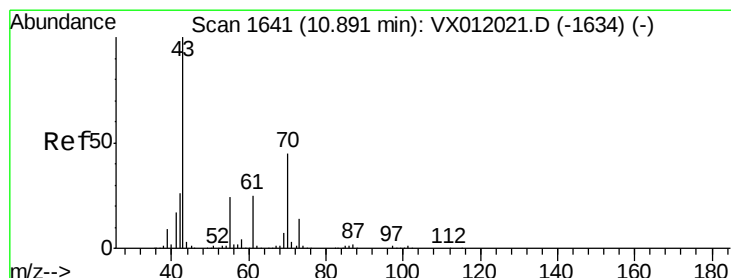
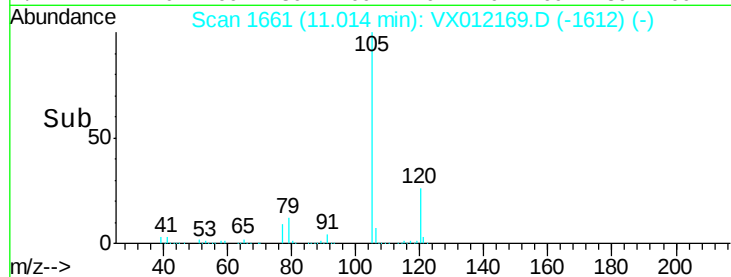
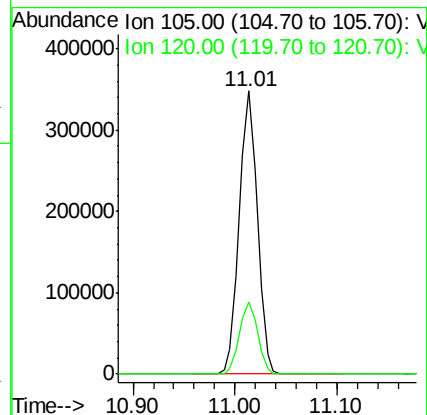
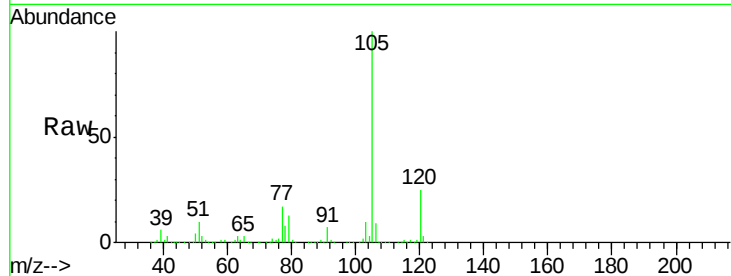
120 25.5 13.9 41.6

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#74

N-ethyl acetate

Concen: 45.029 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion: 43 Resp: 115896

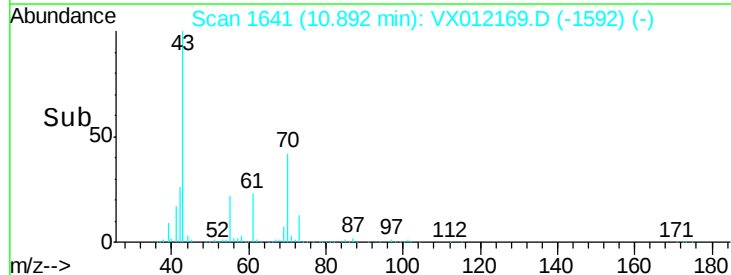
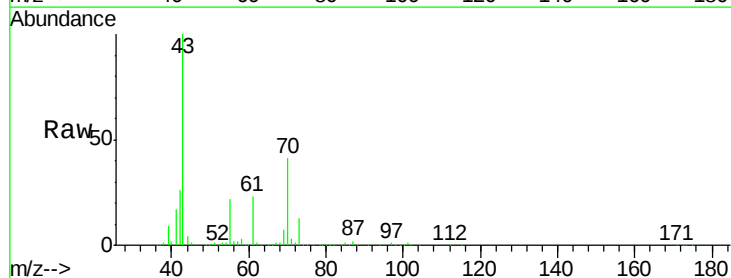
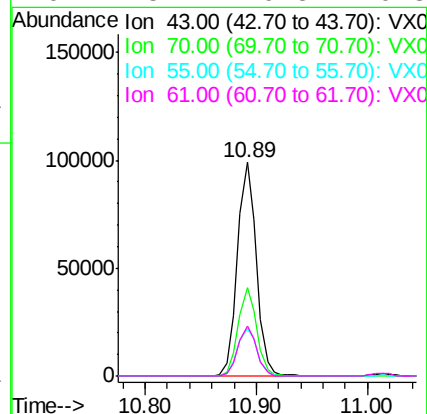
Ion Ratio Lower Upper

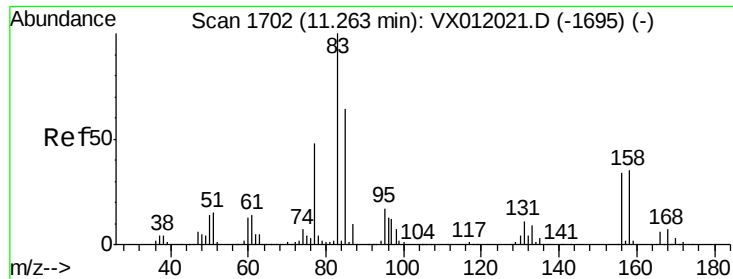
43 100

70 40.8 34.4 51.6

55 22.9 18.5 27.7

61 23.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 42.278 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

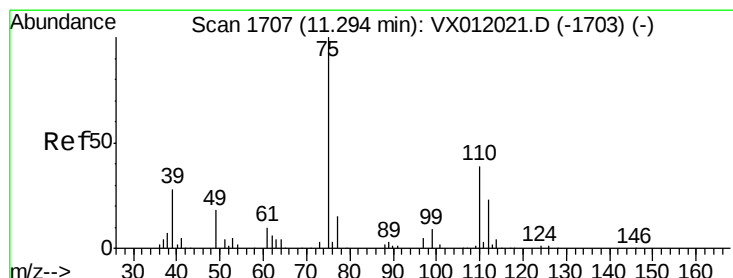
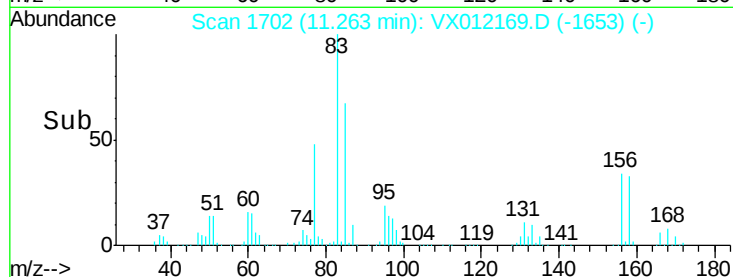
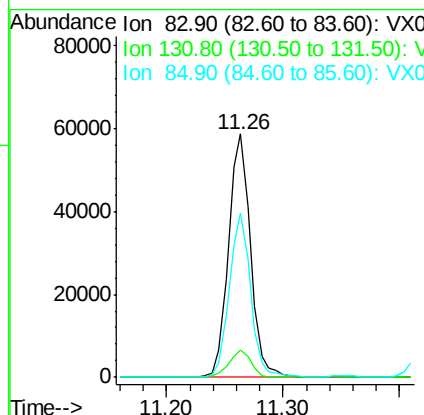
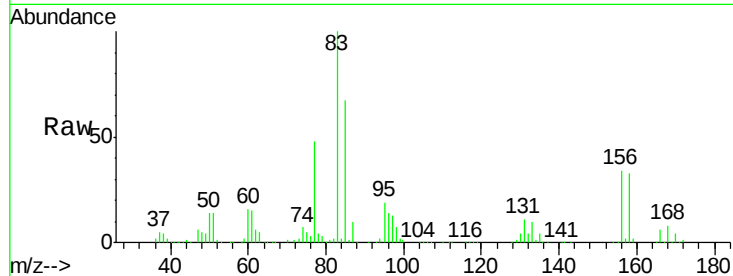
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	76724
Ion Ratio	Lower	Upper	
83	100		
131	11.3	6.3	19.1
85	65.7	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 50.057 ug/l m

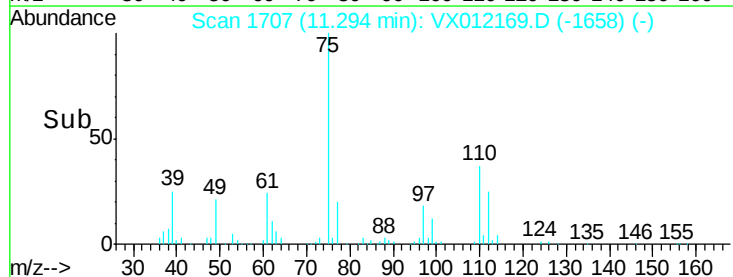
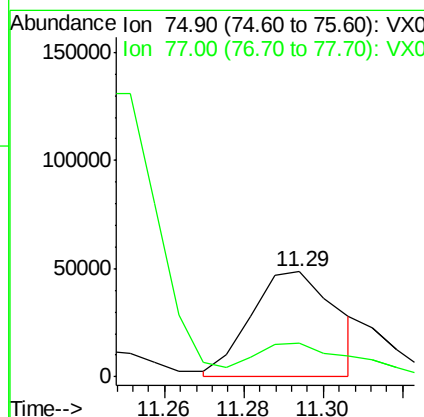
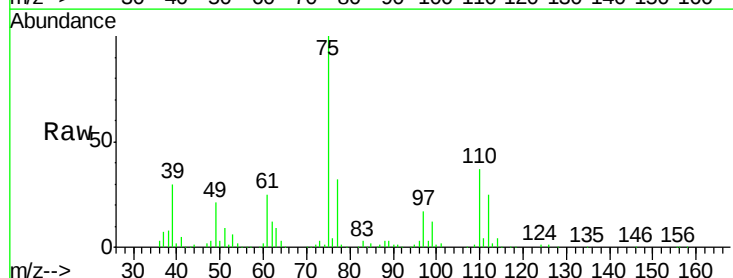
RT: 11.29 min Scan# 1707

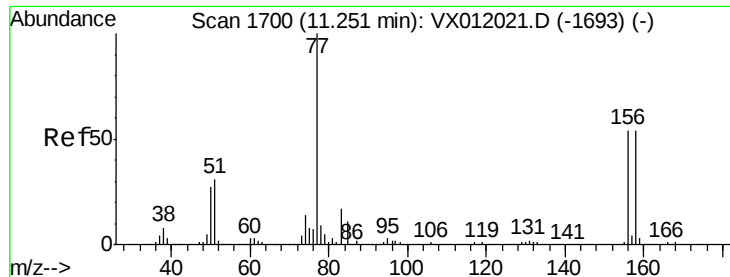
Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion:	75	Resp:	72564
Ion Ratio	Lower	Upper	
75	100		
77	37.7	23.5	70.5





#77

Bromobenzene

Concen: 47.579 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

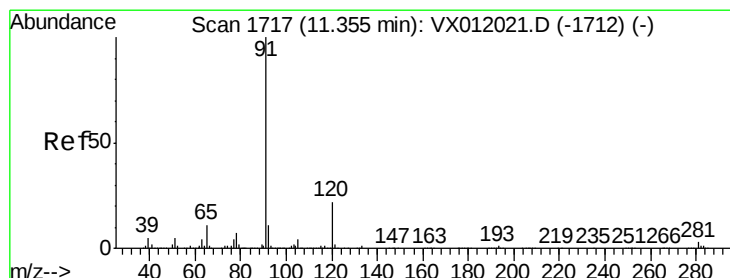
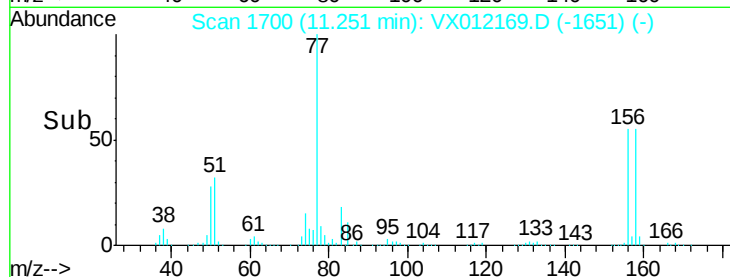
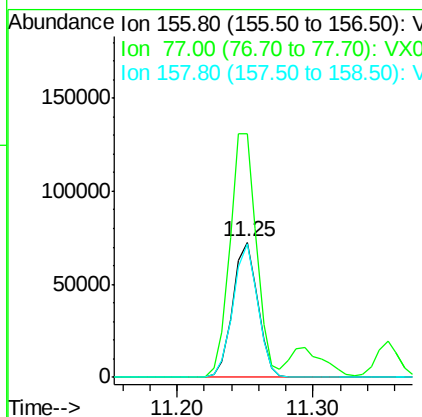
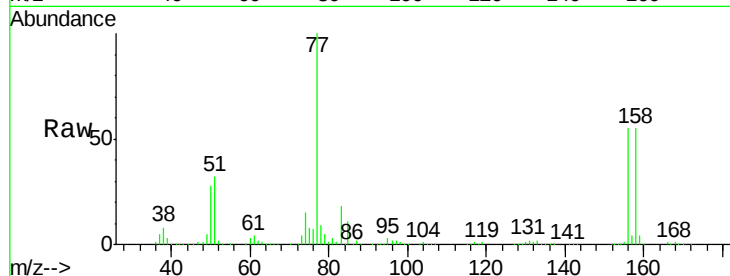
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		92631		
77	191.7	63.4	190.2#		
158	97.9	48.9	146.6		

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#78

n-propylbenzene

Concen: 48.344 ug/l

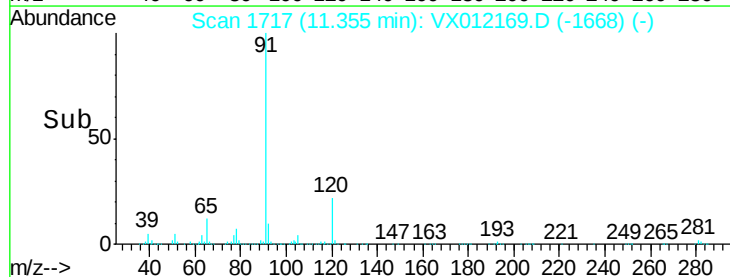
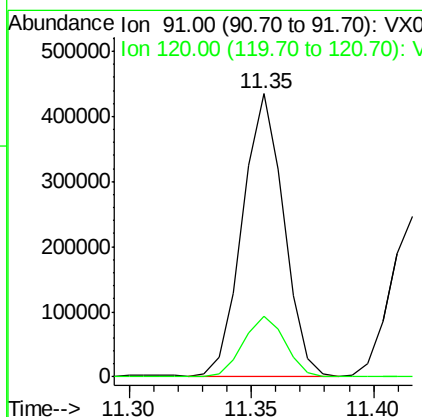
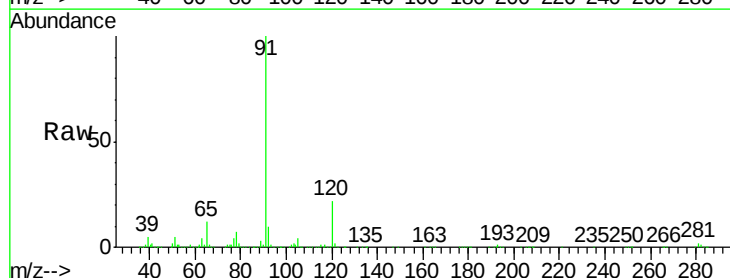
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		508413		
120	22.1	12.7	38.0		





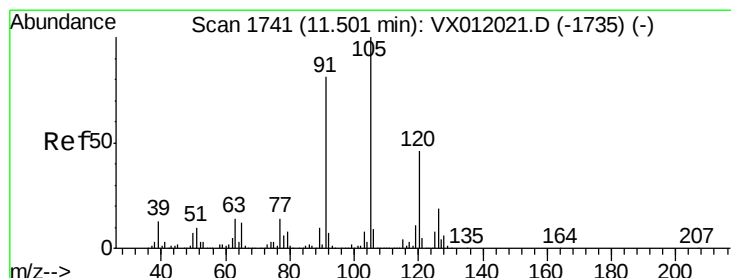
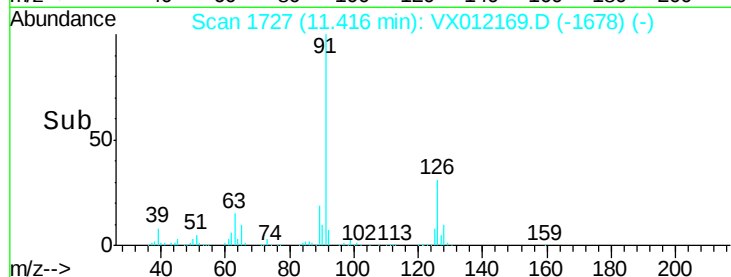
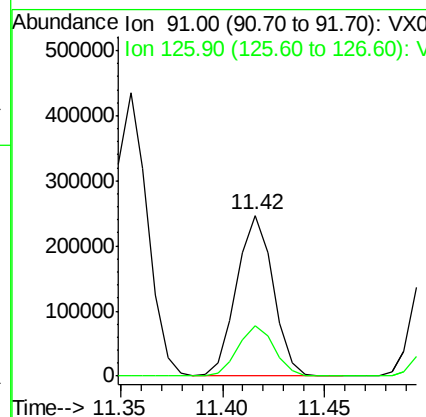
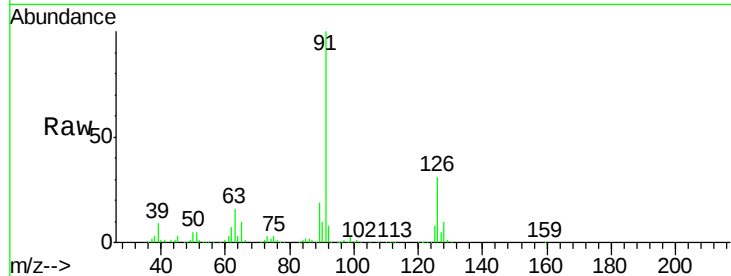
#79
 2-Chlorotoluene
 Concen: 48.063 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 306222
 Ion Ratio Lower Upper
 91 100
 126 31.2 18.6 55.8

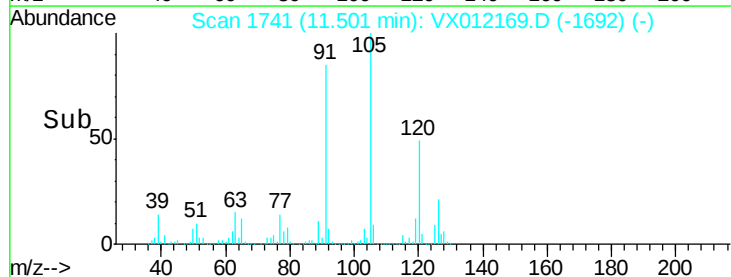
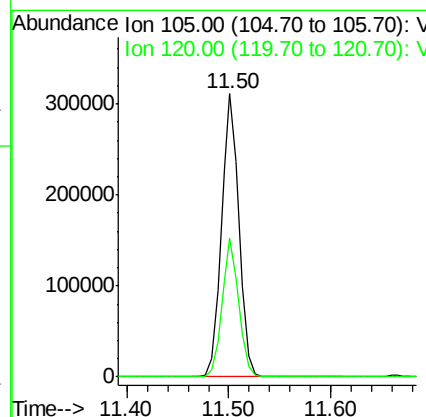
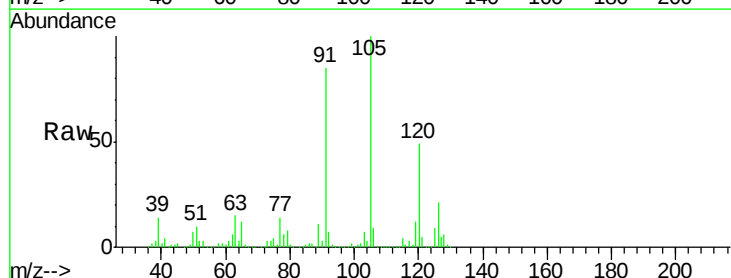
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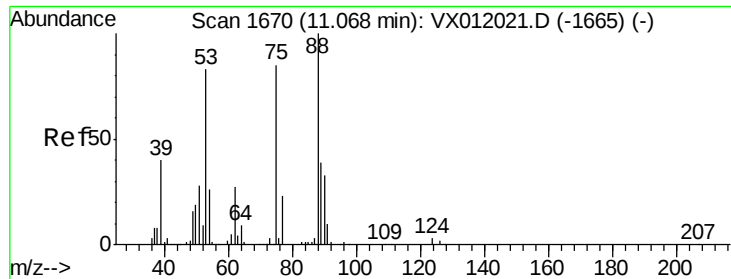
MMDadoda
 9/9/2019 9:18:50 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.030 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion: 105 Resp: 374029
 Ion Ratio Lower Upper
 105 100
 120 46.6 25.8 77.3





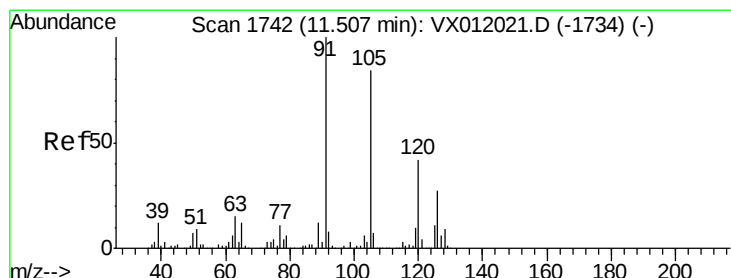
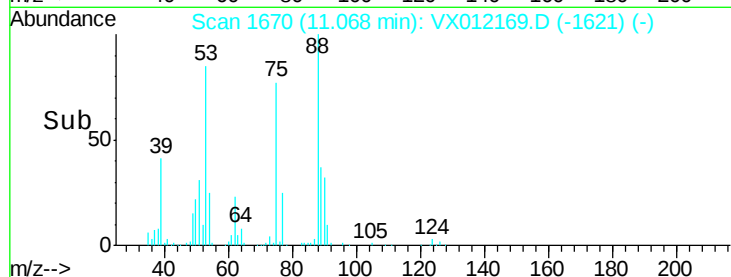
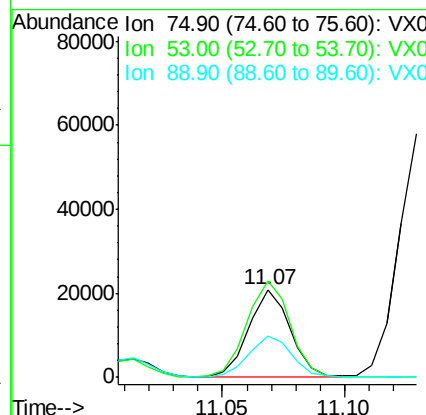
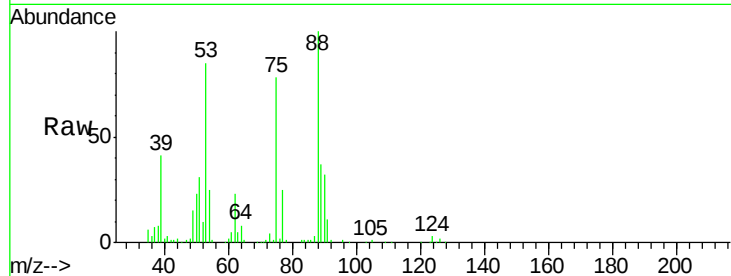
#81
trans-1,4-Dichloro-2-butene
Concen: 39.976 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.8	78.6	117.8
89	49.5	38.8	58.2

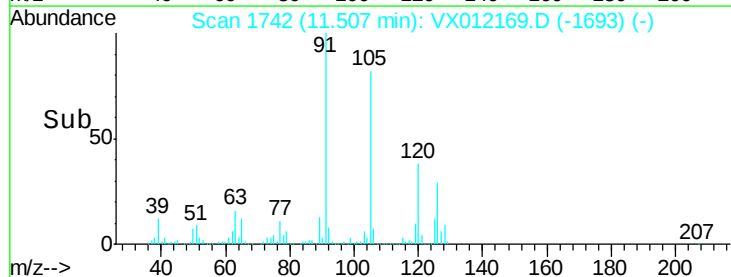
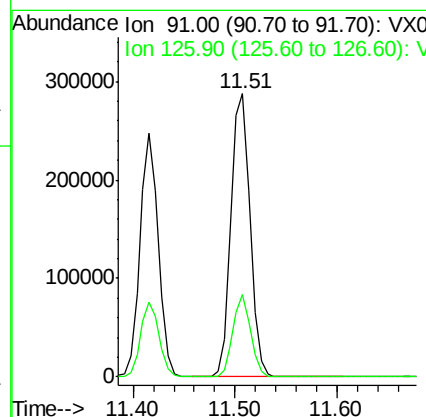
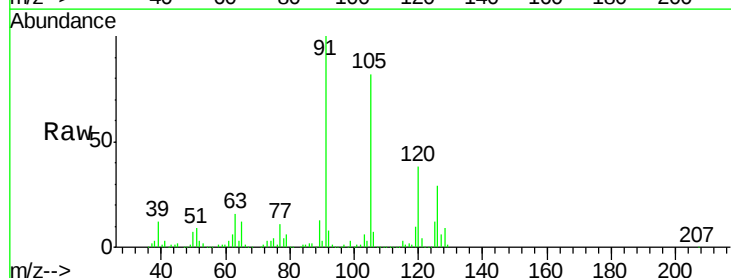
Manual Integrations
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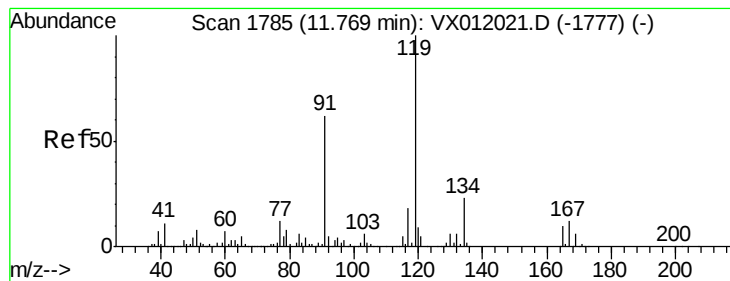
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#82
4-Chlorotoluene
Concen: 48.716 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.1	16.2	48.6





#83

tert-Butylbenzene

Concen: 49.458 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

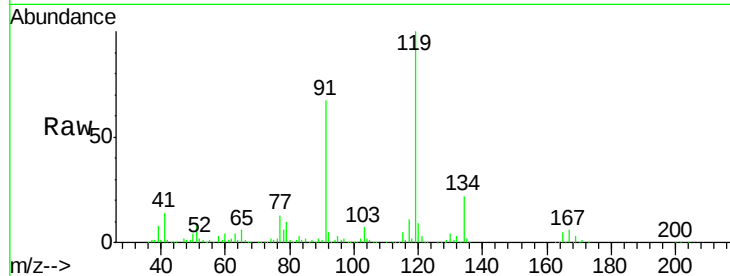
ClientSampleId :

VSTDCCC050

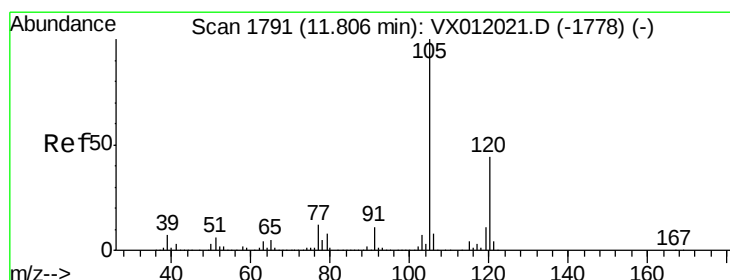
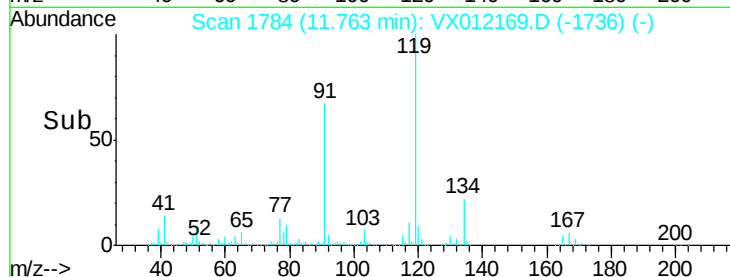
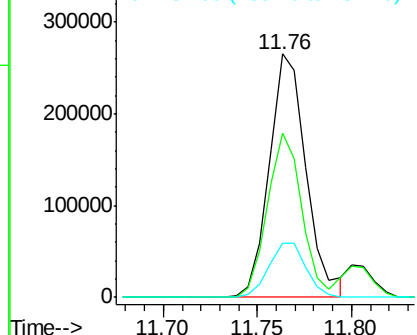
Tot Ion:	119	Resp:	359609
Ion Ratio	Lower	Upper	
119	100		
91	62.8	27.1	81.2
134	22.5	12.1	36.3

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.338 ug/l

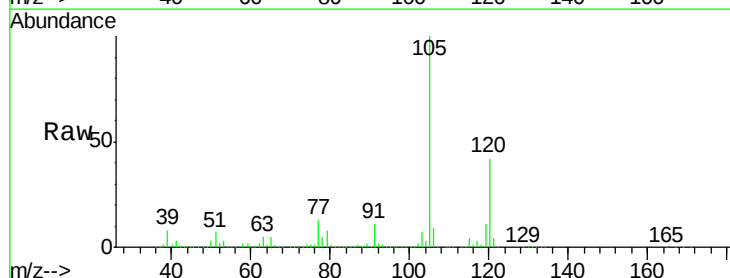
RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

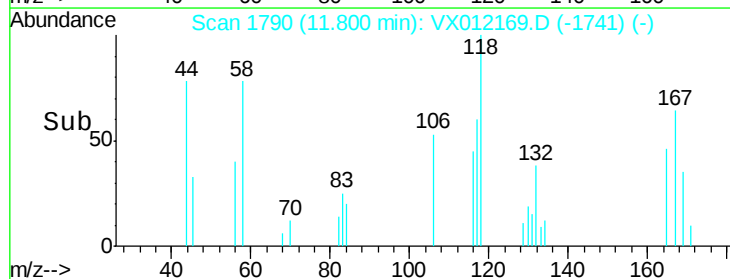
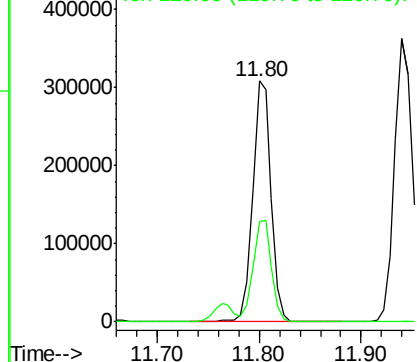
Lab File: VX012169.D

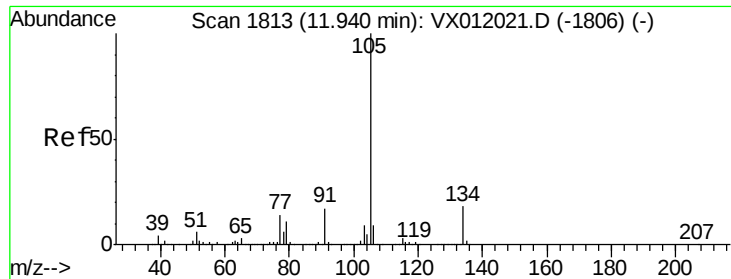
Acq: 07 Sep 2019 09:37

Tgt Ion:	105	Resp:	386830
Ion Ratio	Lower	Upper	
105	100		
120	42.3	23.6	70.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.153 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 443905

Ion Ratio Lower Upper

105 100

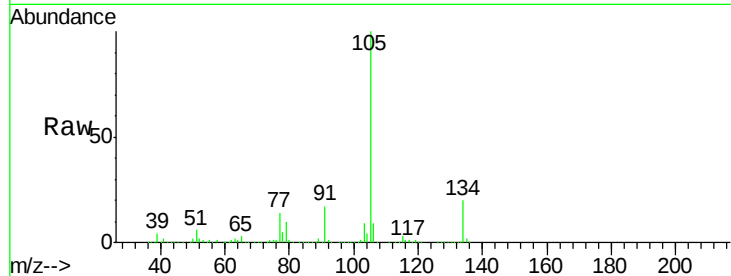
134 19.2 11.2 33.6

Manual Integrations

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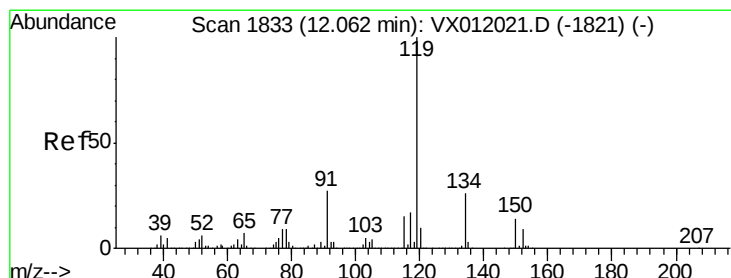
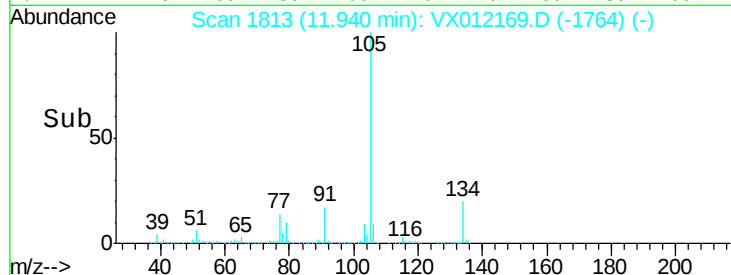
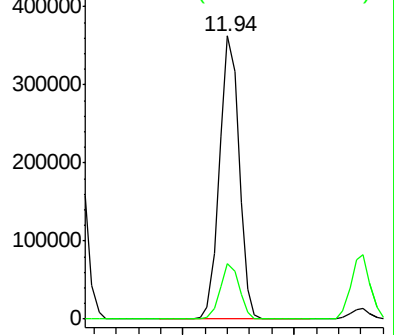
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.232 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

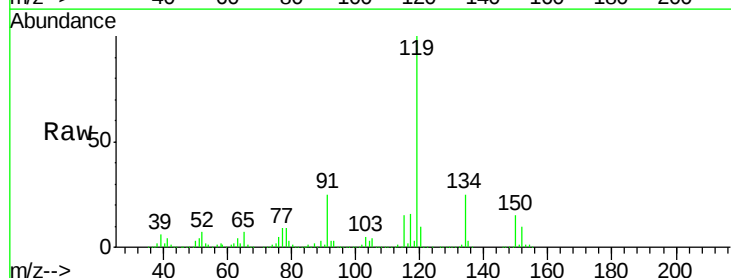
Tgt Ion:119 Resp: 404350

Ion Ratio Lower Upper

119 100

134 25.1 13.7 41.1

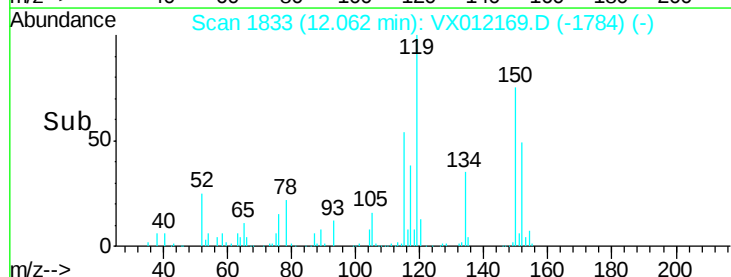
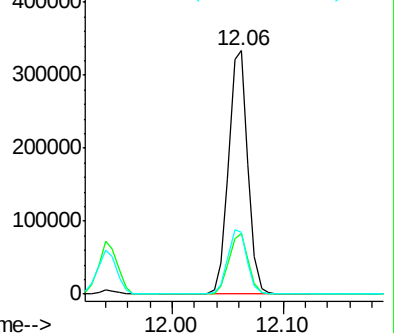
91 26.7 11.4 34.1

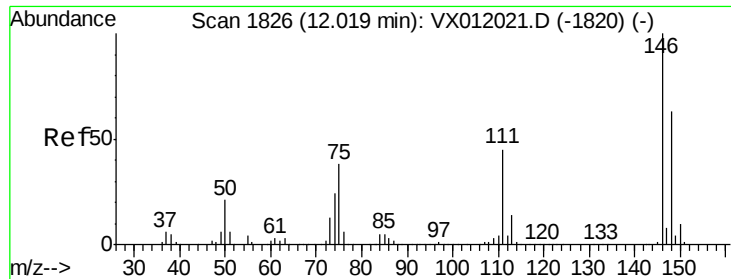


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





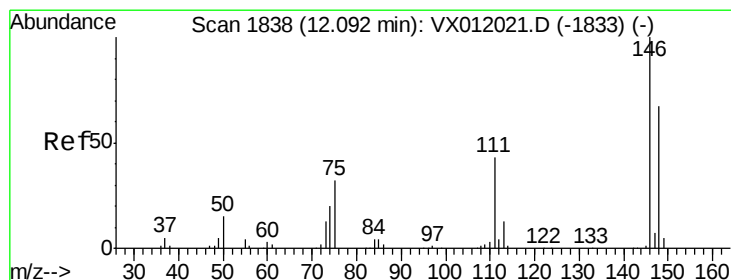
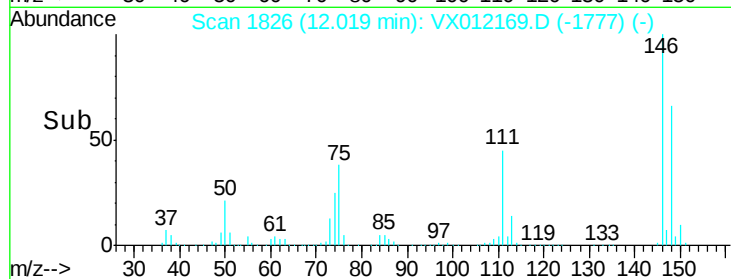
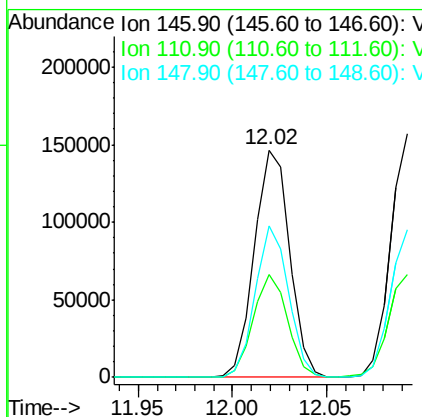
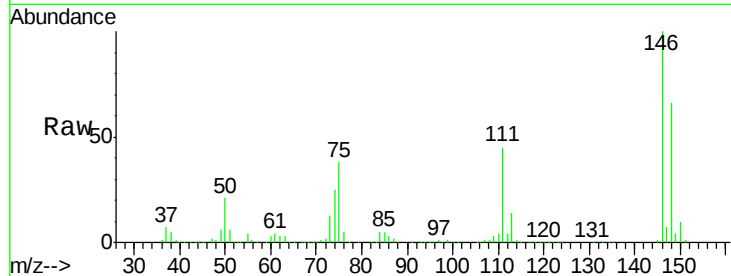
#87
 1,3-Dichlorobenzene
 Concen: 48.739 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	18.1	54.1
148	63.3	32.6	97.8

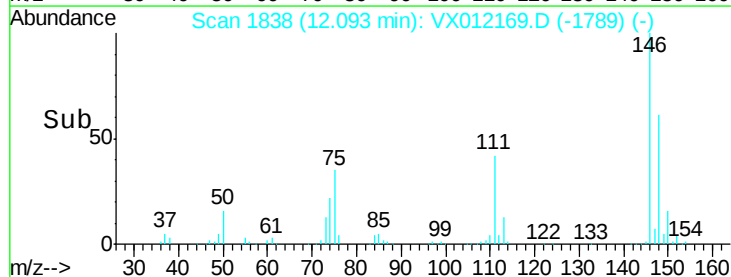
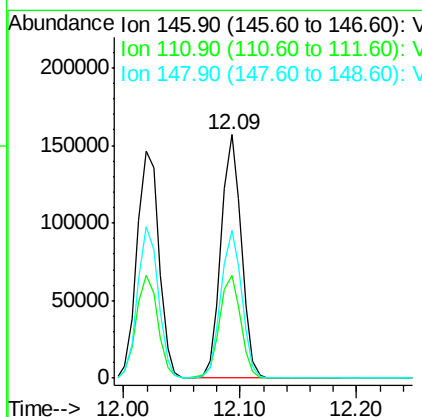
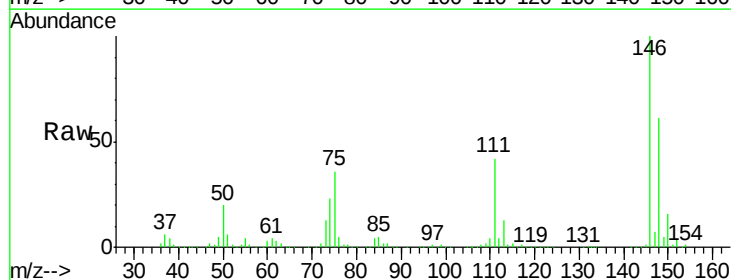
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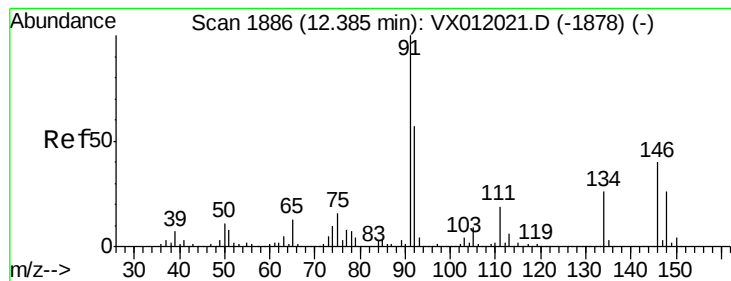
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#88
 1,4-Dichlorobenzene
 Concen: 48.332 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	17.7	53.1
148	62.8	32.4	97.0





#89

n-Butylbenzene

Concen: 48.417 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 386288

Ion Ratio Lower Upper

91 100

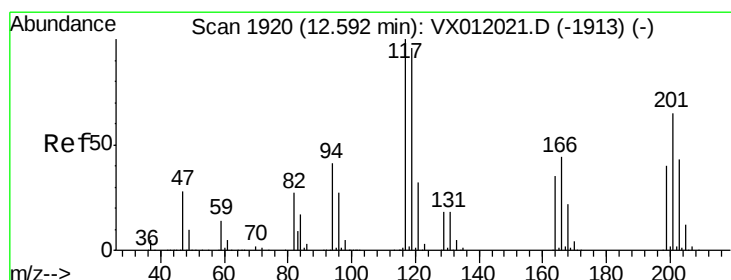
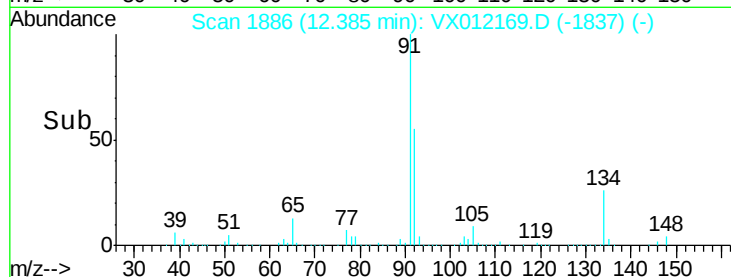
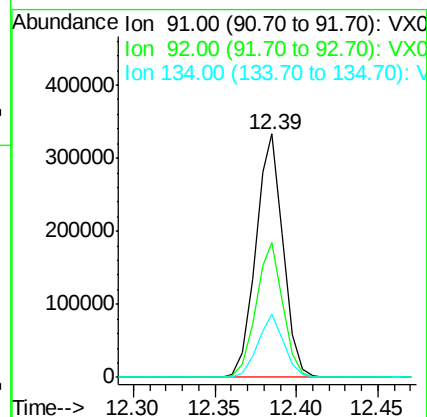
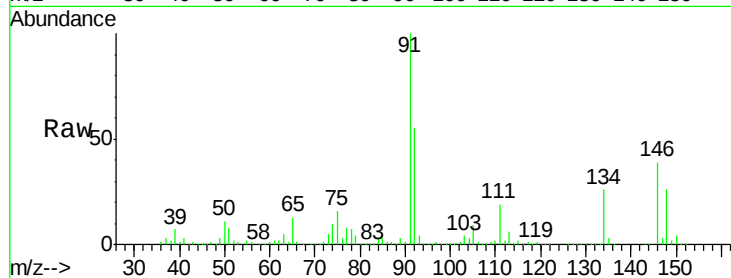
92 54.6 27.6 82.8

134 24.7 15.4 46.1

Manual Integrations
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#90

Hexachloroethane

Concen: 46.023 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012169.D

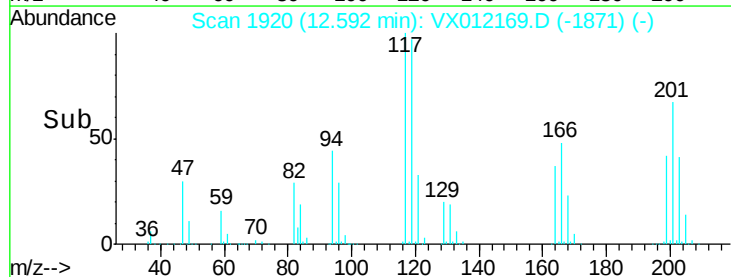
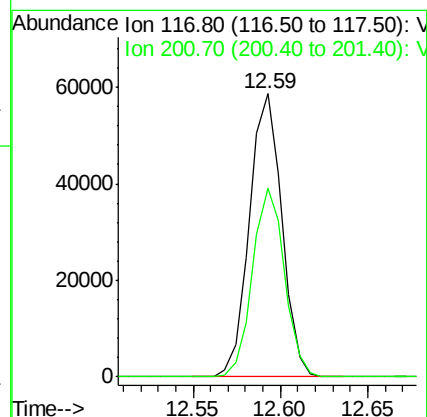
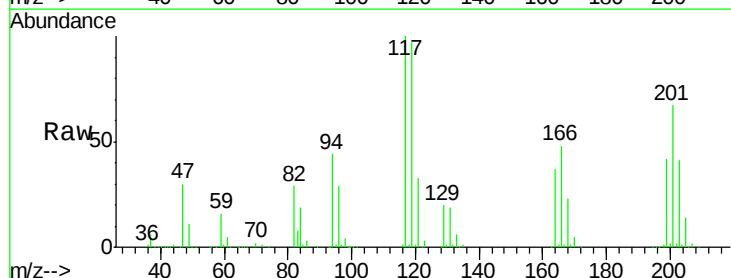
Acq: 07 Sep 2019 09:37

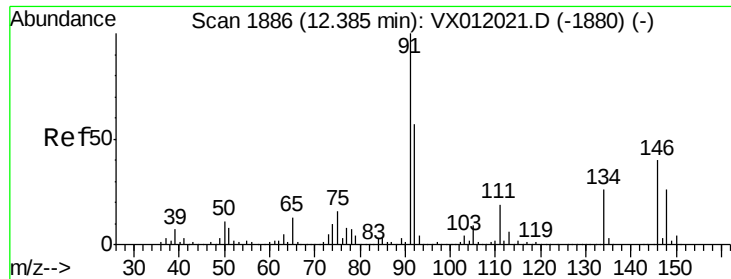
Tgt Ion: 117 Resp: 75474

Ion Ratio Lower Upper

117 100

201 65.6 55.0 165.2





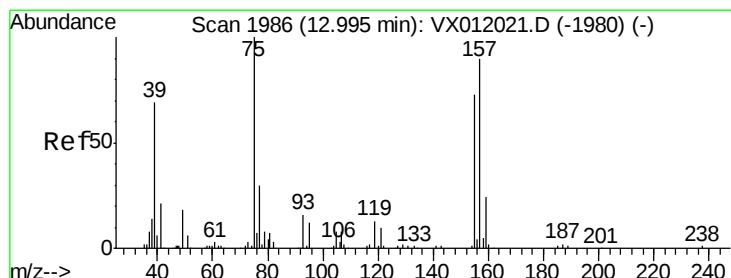
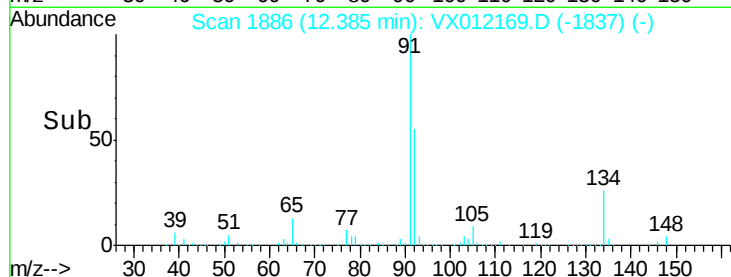
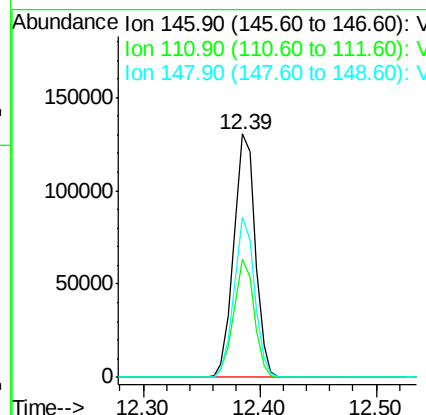
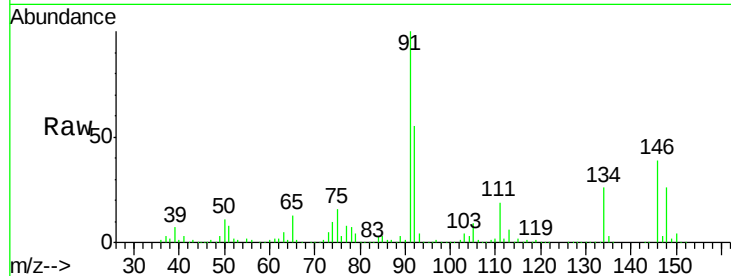
#91
 1,2-Dichlorobenzene
 Concen: 47.887 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.4	18.6	56.0
148	62.8	32.4	97.2

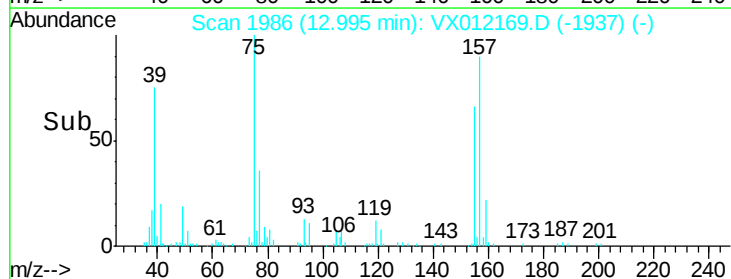
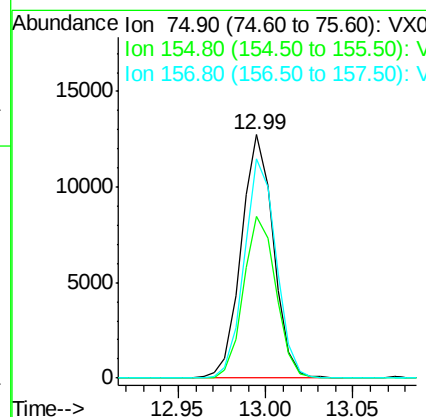
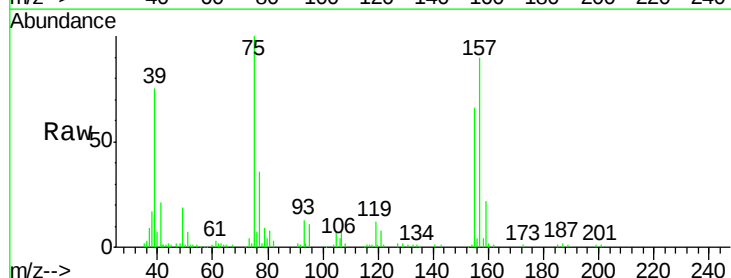
Manual Integrations
 APPROVED

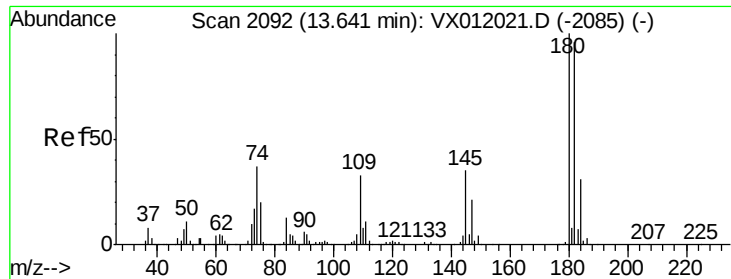
MMDadoda
 9/9/2019 9:18:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.751 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012169.D
 Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.9	51.7	155.2
157	89.1	66.9	200.7





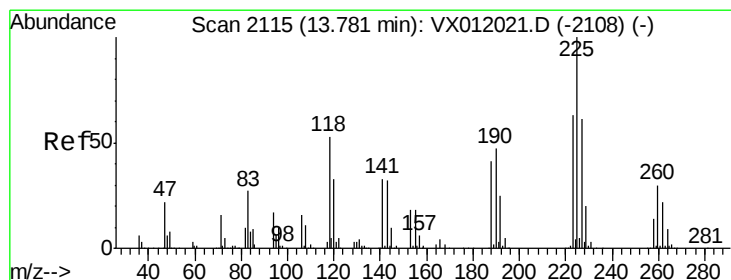
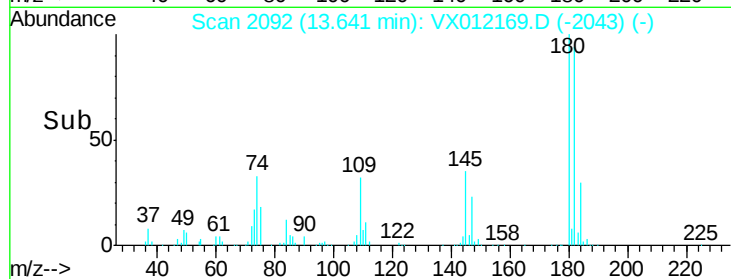
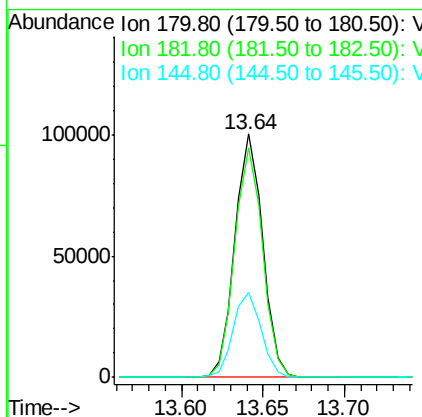
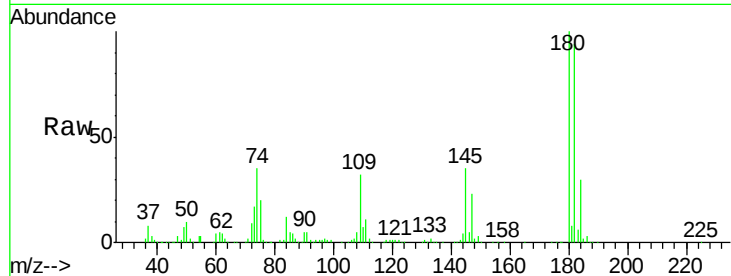
#93
1,2,4-Trichlorobenzene
Concen: 47.672 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119218		
182	94.8	47.3	142.0	
145	35.2	13.7	41.0	

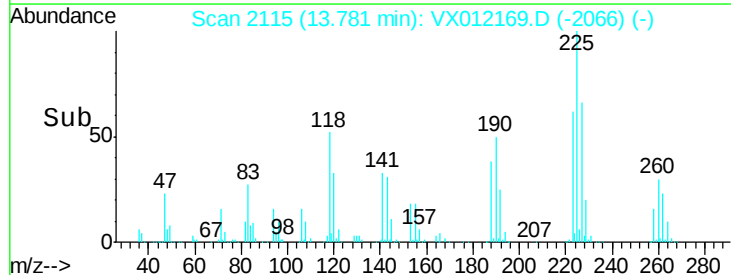
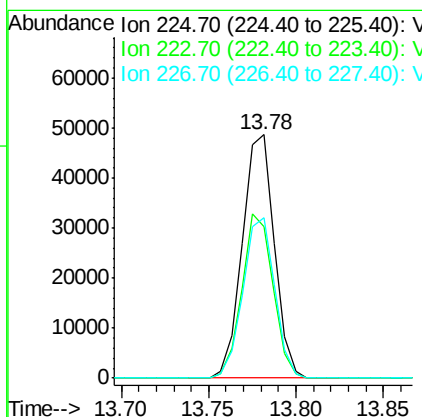
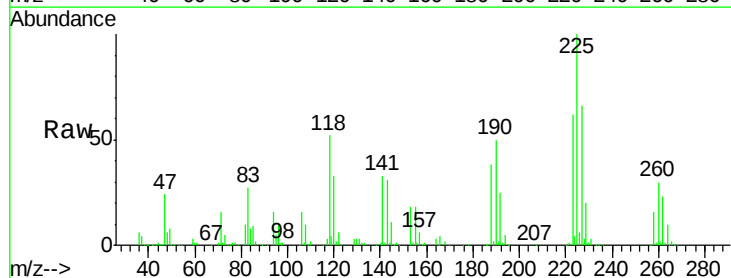
Manual Integrations
APPROVED

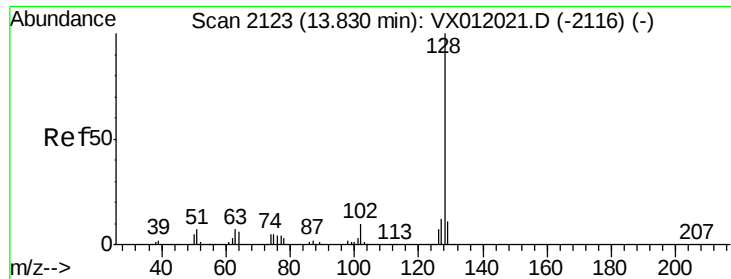
MMDadoda
9/9/2019 9:18:50 AM



#94
Hexachlorobutadiene
Concen: 49.030 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VX012169.D
Acq: 07 Sep 2019 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61808		
223	65.7	31.6	95.0	
227	65.6	32.5	97.5	





#95

Naphthalene

Concen: 44.620 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Instrument :

MSVOA_X

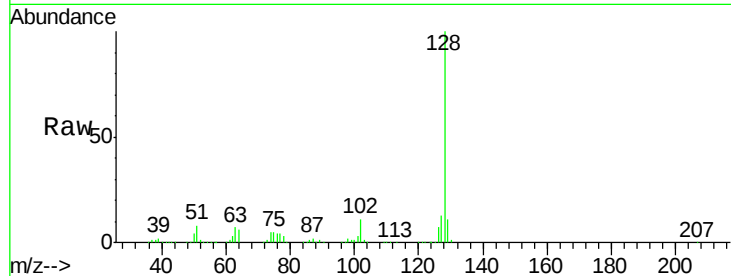
ClientSampleId :

VSTDCCC050

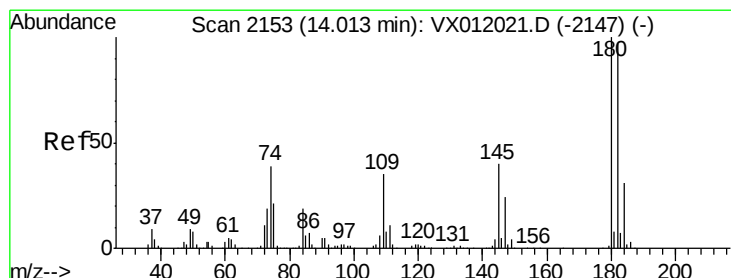
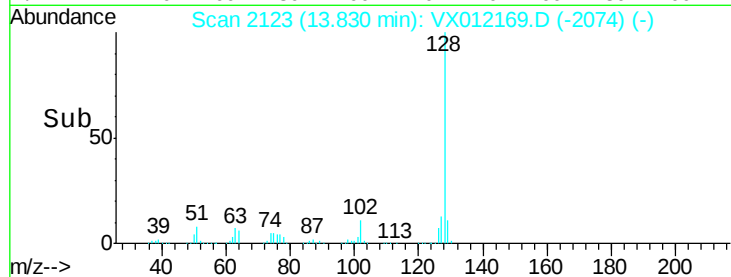
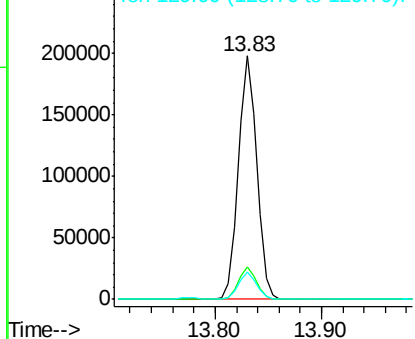
Tot Ion:	128	Resp:	241500
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:18:50 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.921 ug/l

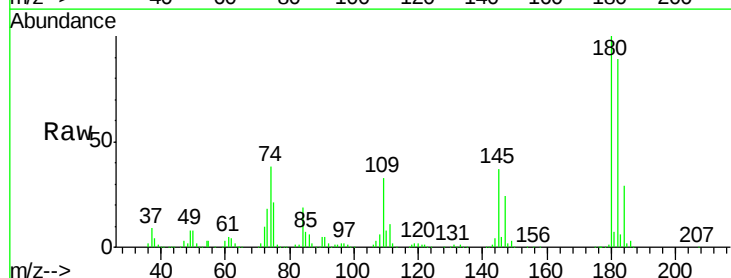
RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012169.D

Acq: 07 Sep 2019 09:37

Tgt Ion:	180	Resp:	105432
Ion Ratio		Lower	Upper
180	100		
182	93.2	47.9	143.6
145	36.5	14.1	42.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

